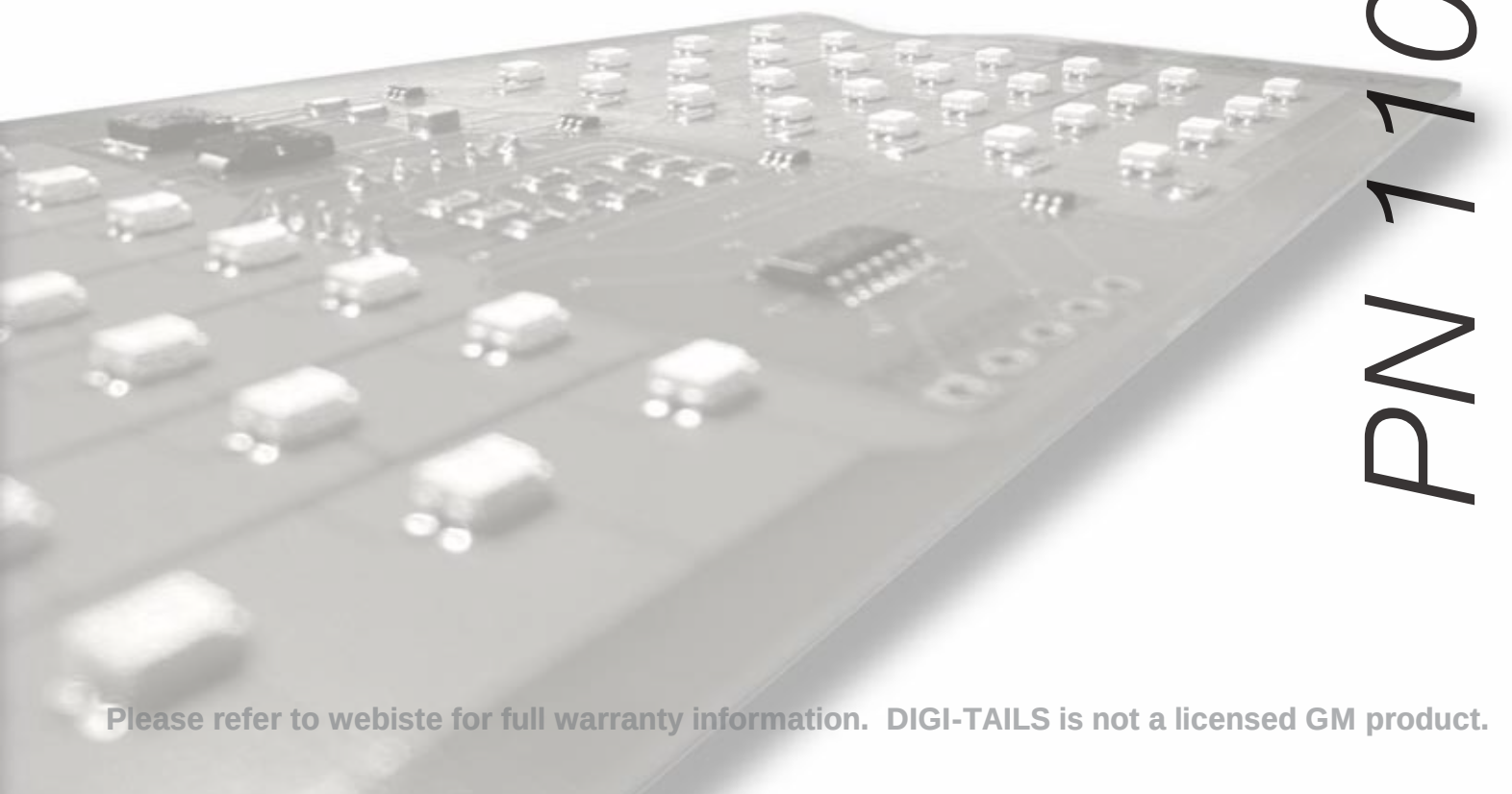
DIGI-TAILS
DIGITAL TAILLIGHTS

1970-72 CHEVY NOVA

2 Panel Seuquential LED Taillight Kit w/LED Reverse
Installation Guide

Kit Contents:

- **4** *LED panels*
- **4** *rubber grommets*
- **1** *power wire with t-tap*
- **2** *driver side panel harnesses, 24”*
- **2** *passenger side panel harnesses, 48”*
- **4** *panel extension harnesses, 12”*

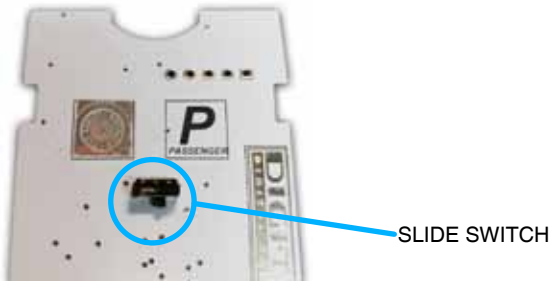


PN 1100370

Note

The LED boards are shipped with the slide switch set to Sequential mode. We recommend that all slide switches be set to the same setting (either standard or sequential).

Please follow all local laws concerning exterior lighting.



Hint

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.

Note

A wire diagram of the LED panel's harness spliced into the car's stock harness is on the last page.

LED PANEL INSTALLATION

1. Cut off the power to your car.

Disconnect the negative terminal from the battery, which will cut off the power in your car.
To verify that the power is disconnected, press the brake pedal; your brake lights should not turn on.

2. Remove the current taillights.

Remove the light sockets from the taillight housings. As a safety precaution, remove the bulbs from the sockets. Put them aside since they will no longer be needed. Remove the tail light housing assembly from the car.and separate the lens from the housings.

3. Identify the LED panels.

Each LED panel has position label on the backside. The panel shown below is marked PASSENGER SIDE.

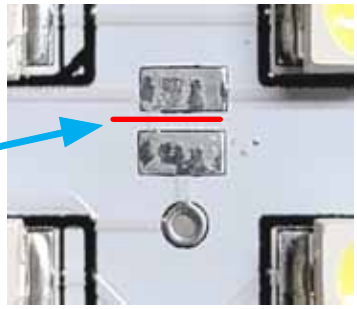
The Passenger Side LED panel is shown.

4. If needed, trim jumper trace wire. **Important step!**

On the front side of both inner panels (the longer panel) is a jumper trace wire on flush between 2 square chrome pads.
For model years **1970-71** cut the trace wire. Using a razor blade cut into the panel between the 2 chrome pads. you won't have to dig deep into the panel.
You can use a multi meter to confirm there is no continuity between the 2 chrome pads.
For model year, **1972, DO NOT** do anything with it and ignore this step.

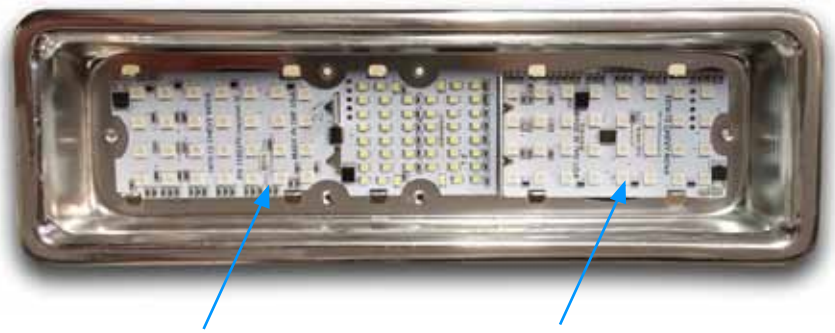
Jumper Trace Wire

Cut Trace Wire



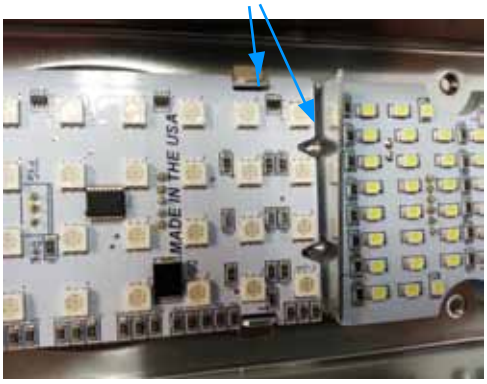
5. Test fit the LED panels.

Test fit the LED panels into the housing. The panel will fit nicely around the housing notches.



PASSENGER side INNER *PASSENGER side OUTER*

PASSENGER side tail light housing

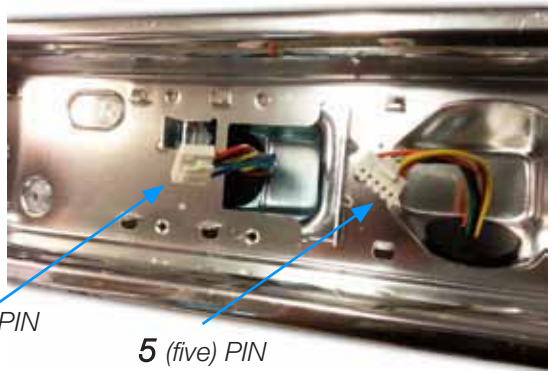


6. Plug in extension wires, grommets.

Feed the extension wires through the socket hole. Wrap the 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 housing assemblies.

Note

*Route the **6 (six) PIN** extension harness through the **REVERSE LIGHT** socket hole.*
*Route the **5 (five) PIN** extension harness through the **BRAKE LIGHT** socket hole.*



6 (six) PIN

5 (five) PIN

Hint

It is best to use a small flat head screw driver to work the grommets onto the socket holes.

7. Mount the LED panels.

Peel off the protective strip from the double sided tape and mount the LED panels into place. The lens gasket should fit nicely around the LED panels without interfering with any of the LEDs.

WIRE SPLICING INSTALLATION

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

   Listed are the LED harness colors and their respective function.
   Note: Depending on make and harness, colors may not match.
   The colors listed below are the most common stock GM colors.

2. **Find and access the taillight wires.**

   Pick a point in the rear body panel between the driver's side quarter panel and the driver's side taillight housing assembly and remove the cloth tape to expose the taillight wires.

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

OUTER PANELS ONLY

LED Harness	Function	Stock harness	Notes
Green	Passenger side turn signal/ Brake light signal	Green	The light socket ends on the car harness can be removed.
Yellow	Driver side turn signal/ Brake light 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	

INNER PANELS ONLY (WITH LED REVERSE)

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

Note about brake lights

There is no dedicated Brake light signal wire. When the brake pedal is pressed the brake switch sends power into the turn signal switch and then power through both the driver and passenger signal wires to activate the brake lights.

4. Supply the LED panel harnesses with a constant 12 volt feed using the included Orange power wire and T-Tap.

1. Insert wire into T-Tap

2. Crimp with pliers

3. Plug connector into T-Tap

5. 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.

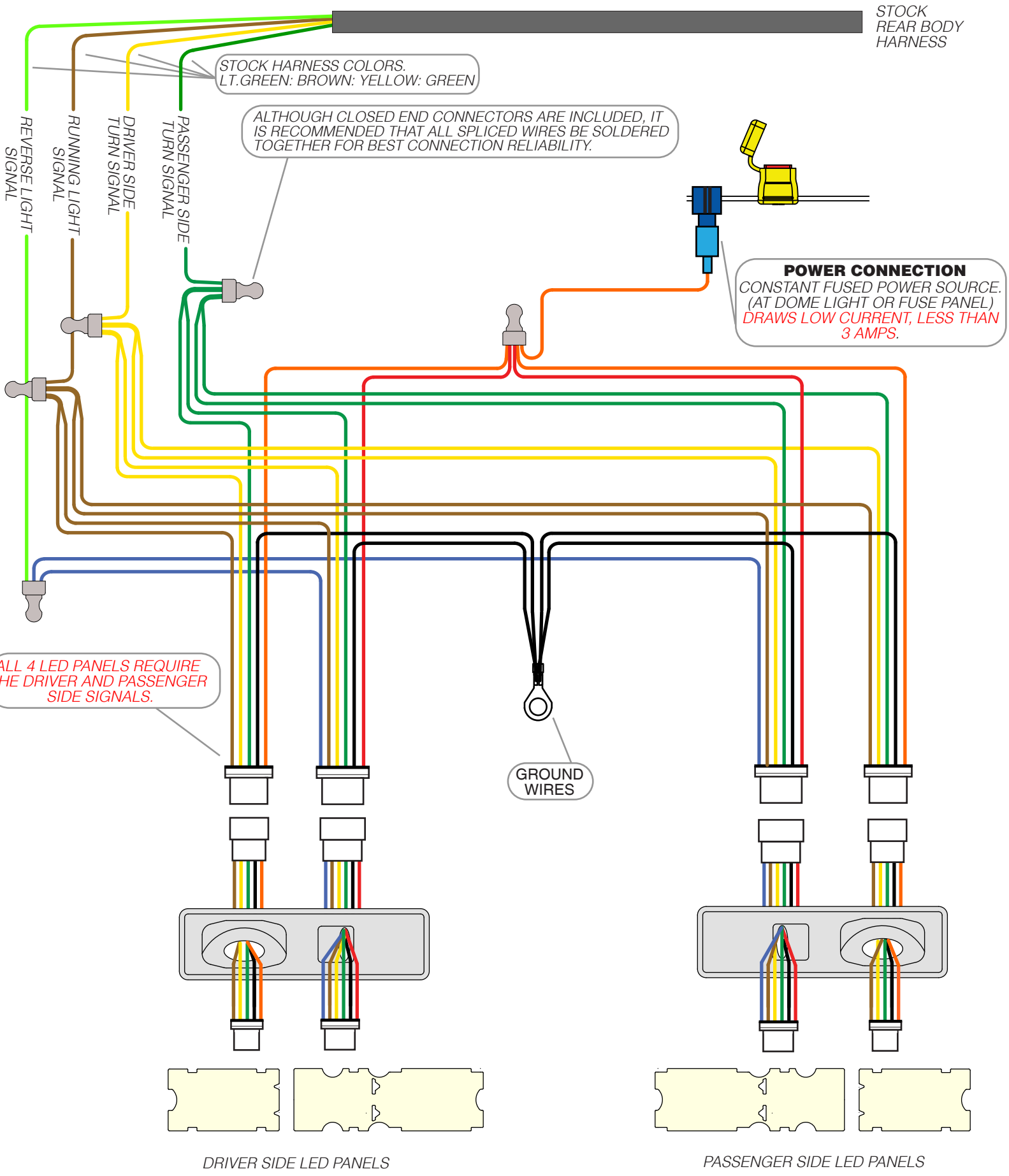
1. Fold wires to one side.

2. Secure with electrical tape.

Note

The LED light kits are designed for best performance when used with an electronic no-load flasher.

If you decide to use a stock bi-metal flasher, we recommend a standard-duty flasher instead of a heavy-duty flasher. If your turn signal circuit includes front and rear LED turn signals, the circuit will not have enough resistance load to operate a heavy-duty bi-metal flasher, so the no-load flasher will be required for both the turn signal and emergency flashers.


STOCK REAR BODY HARNESS
STOCK HARNESS COLORS. LT.GREEN: BROWN: YELLOW: GREEN
REVERSE LIGHT SIGNAL
RUNNING LIGHT SIGNAL
DRIVER SIDE TURN SIGNAL
PASSENGER 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
CONSTANT FUSED POWER SOURCE. (AT DOME LIGHT OR FUSE PANEL)
DRAWS LOW CURRENT, LESS THAN 3 AMPS.
ALL 4 LED PANELS REQUIRE THE DRIVER AND PASSENGER SIDE SIGNALS.
GROUND WIRES
DRIVER SIDE LED PANELS
PASSENGER SIDE LED PANELS