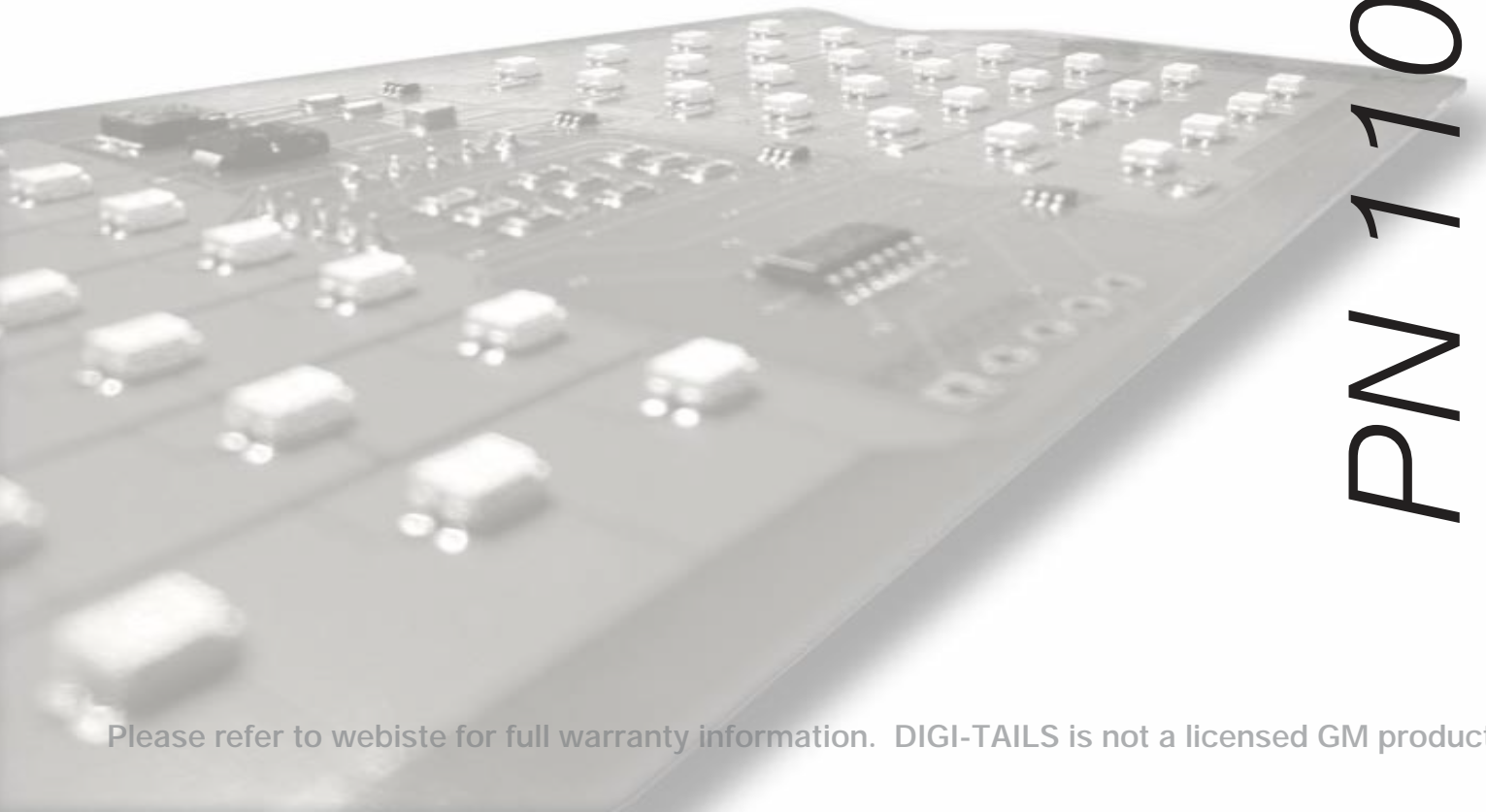# DIGI-TAILS
DIGITAL TAILLIGHTS

1967-72 CHEVY/GMC PICK UP TRUCK
Two Panel Sequential LED Tail Light Kit Installation Guide

Kit Contents:

- **2** *LED panels*
- **2** *rubber boots*
- **1** *power wire with t-tap*
- **1** *driver side LED harness, 24"*
- **1** *passenger side LED harness, 48"*
- **2** *LED extension harnesses, 12"*
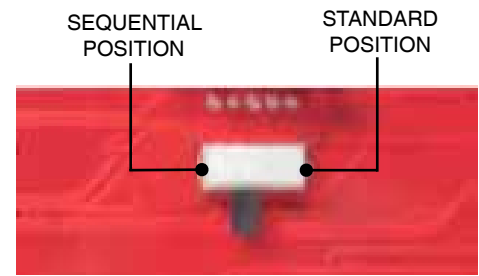- **1** *harness crimp end kit*

PN 1100767

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.

SEQUENTIAL POSITION   STANDARD POSITION

Shown in sequential mode

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.

LED PANEL INSTALLATION

1. **Cut off the power to your car.**

   Open the hood of 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 taillights.**

   Turn the light sockets counter-clockwise to remove them from the tail light 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.

3. **Disassemble the taillights.**

   Remove the tail light 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.

4. **Identify the LED panels.**

Each LED panel is labeled marked *PASSENGER* and *DRIVER*.

5`. **Plug in extension wires.**

The extension harness feeds through 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 housings.
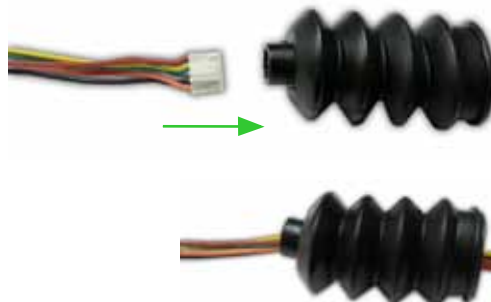
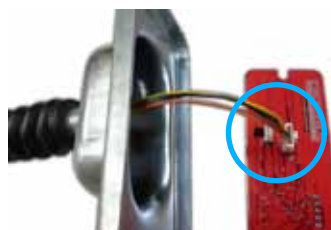*1. Feed harness through the rubber boot.*

2. Feed harness through the socket hole.

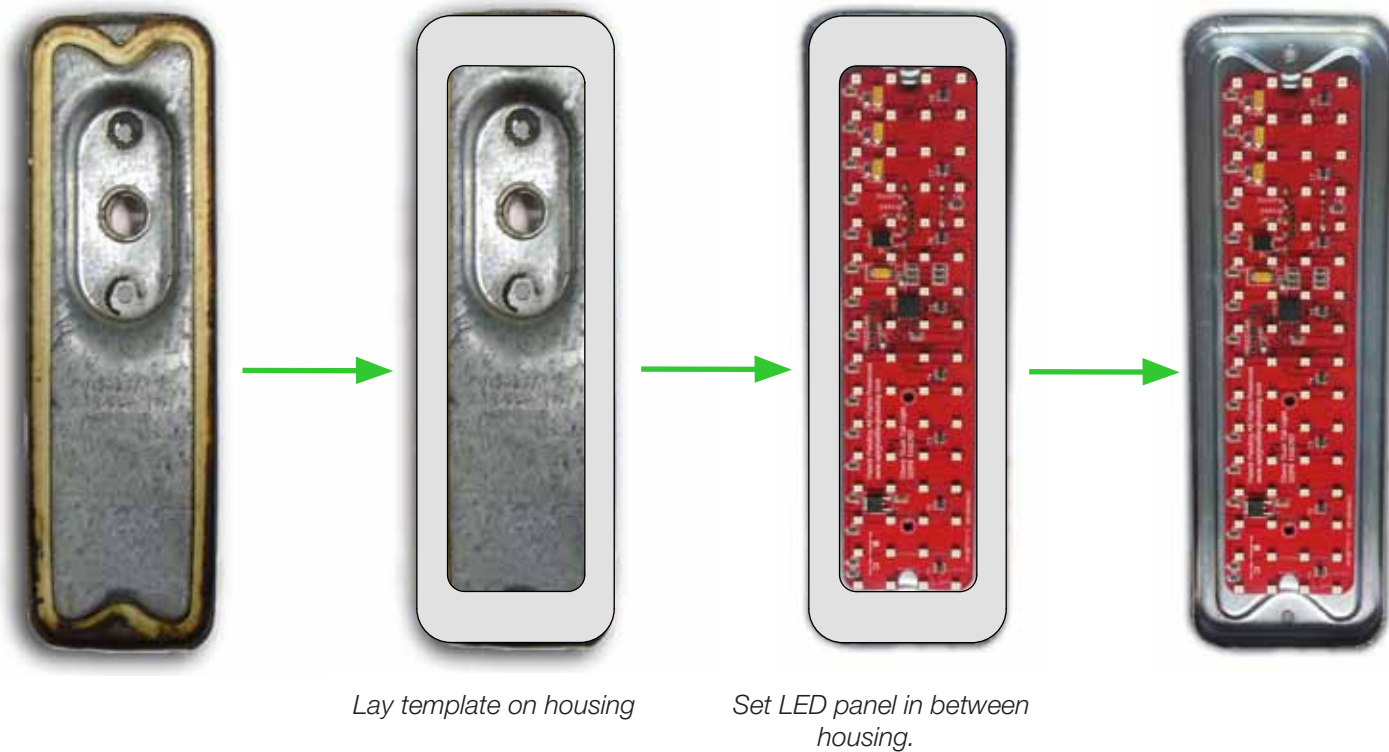*3. Press the rubber boot over the socket hole.*

4. Plug the extension harness into the LED panel.

8. **Mount the LED panels.**

Use the included included template to center the LED panel on the the taillight housing. Peel away the protective tape and attach the panel onto the housing.

Lay template on housing   *Set LED panel in between housing.*

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/park signal.*

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.**

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	
⬤ Orange	*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. **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 tail lights.

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.

6. **Splice the Orange constant power wire into the T-Tap and the LED panel Orange wire.**

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

    Spice the T-Tap connector into 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

    ### Note

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

Note

The LED light kits are designed for best performance when using an electronic no-load flasher. Shown here is an optional electronic no-load flasher (PN 200002) available from DIGI-TAILS.

The black wire must be grounded

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.
BROWN: GREEN: YELLOW

RUNNING/PARK
SIGNAL

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 RELIABILIT

POWER CONNECTION
CONSTANT FUSED POWER SOURCE.
(AT DOME LIGHT OR FUSE PANEL)
*DRAWS LOW CURRENT, LESS THAN
3 AMPS.*

GROUND
WIRES

BOTH LED PANELS REQUIRE
DRIVER AND PASSENGER
SIGNALS.

DRIVER SIDE LED PANEL

PASSENGER SIDE LED PANEL

The below installation was performed on the Passenger side light housing.

1. After removing the lens, gasket, and, bulb clean out the
    housing of any dirt or debris.

2. Place the included alignment template into the housing with
    the longer routed on the bottom edge.
    (Driver side will use the same template but flipped vertically)

DRIVER   *PASSENGER*

3. Test fit the panel into the housing between the alignment
    template to get a feel of how it will fit.

4. Once fitment is confirmed plug the light into the socket , peel
    off the double sided tape protective layer, and attach the
    LED panel onto the housing between the alignment template.

5. Remove the template and place the gasket into the housing
    making all the LEDs clear the gasket. The gasket will make sure
    that the LED panel stays in place as well as providing a seal between
    the housing and lens.