

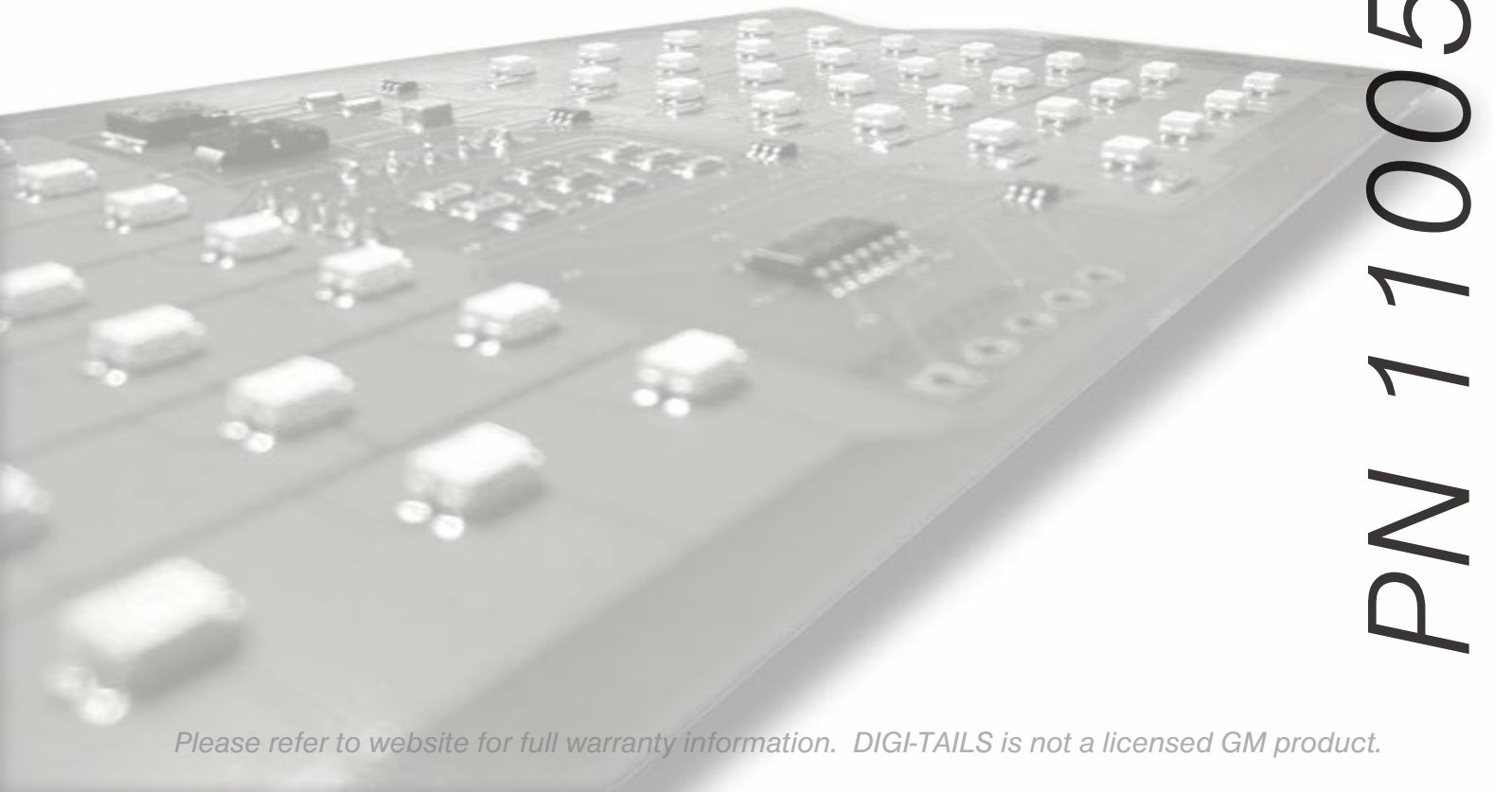


## ***1982-92 PONTIAC FIREBIRD/TRANS AM***

### **2 Panel Sequential LED Taillight Kit Installation Guide**

#### **Kit Contents:**

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



**PW 1100582**

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.

SLIDE SWITCH

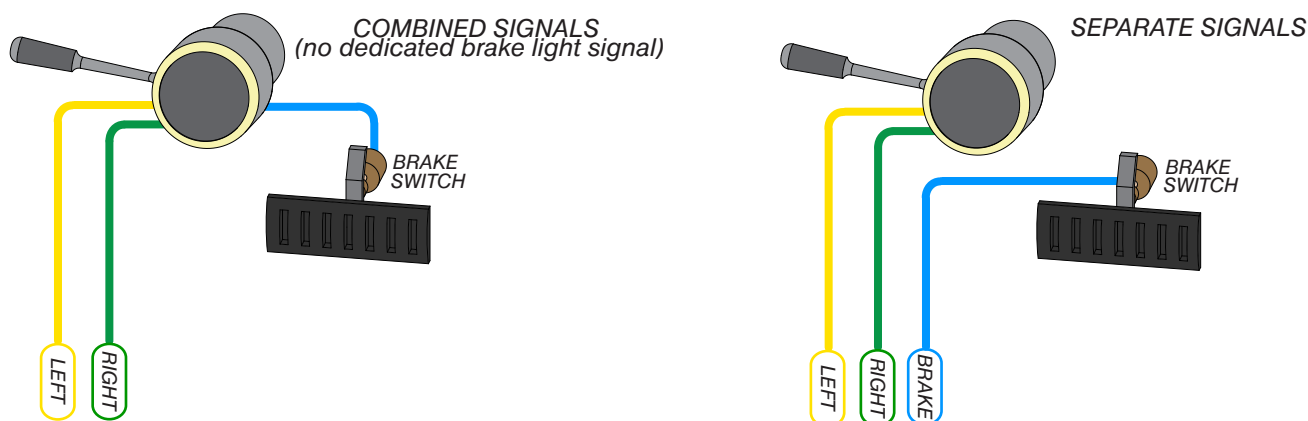


You may begin with the LED panel installation, however, you will need to complete the wiring modifications before the LED panels and housings are paired as one. Read over the entire instruction guide to determine the method that works best for you.

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](mailto:INFO@DIGI-TAILS.com) **TECH:** [TECH@DIGI-TAILS.com](mailto: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.

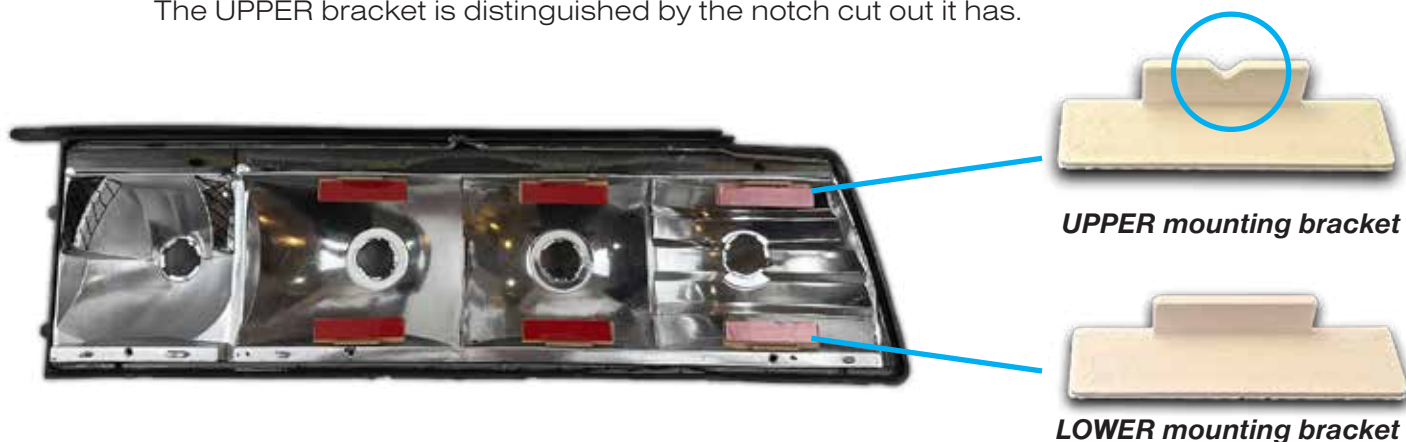
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**NOTE: LOOKING AT THE FRONT-SIDE OF THE PANELS  
EACH ONE IS MARKED DRIVER OR PASSENGER**

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### 2. Attach the mounting brackets.

Each housing requires using 6 mounting brackets. 3 of UPPER and 3 of LOWER brackets. The UPPER bracket is distinguished by the notch cut out it has.



Drawing an imaginary line across the center each socket hole, place a mark on the upper and lower edge of the housing. Each bracket is to be centered on these marks.

You may also lay the LED panel onto the housing and use the cutouts as a reference for the bracket positions.



As each bracket is mounted the top edge should be level with the housing lip.

### 3. Mount the LED panels.

Test fit the LED panel one last time before the tape is peeled and the panel is attached.



### 4. Plug in extension wires, grommets.

Feed the extension wires through the socket hole. Wrap the split **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 taillight housings.



Use the sealed **GREY** grommet to seal the other light bulb sockets 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                                                    |
|------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|  <b>Green</b>  | Passenger side turn signal |  <b>Green</b>  | The light socket ends on the car harness can be removed. |
|  <b>Yellow</b> | Driver side turn signal    |  <b>Yellow</b> | The light socket ends on the car harness can be removed. |
|  <b>Brown</b>  | Running/Park signal        |  <b>Brown</b>  | The light socket ends on the car harness can be removed. |
|  <b>Orange</b> | Constant 12 volt           | Find power at fuse panel/trunk light/dome light/fused battery feed.                             |                                                          |
|  <b>Black</b> | 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 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.

Splice 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

