DIGI-TAILS
DIGITAL TAILLIGHTS

1967-68 CHEVY CAMARO RS
Two panel Sequential LED Taillight kit installation guide

Kit Contents:

- **2** *LED panels*
- **4** *rubber grommets*
- **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 kit*
- **6** *mounting clips and washers*

PN 1100267

Note

SEQUENTIAL POSITION   STANDARD POSITION

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.
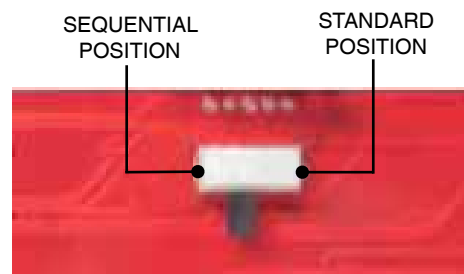
Shown in sequential mode

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 tail lights.**

   Turn the light sockets counter-clockwise to remove them 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.

3. **Disassemble the taillights.**

   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. It is best to slowly separate the lens a little at time around the perimeter of the lens.
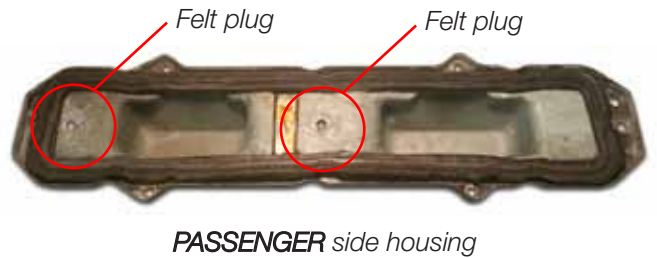
4. **Trim the gaskets.**

    To ensure that the panels sit flat in the housing, it is necessary to cut and
   remove the section of the gasket that runs vertically dividing the two lamps.

5. **Prepare the housings.**

    Remove the felt plugs from the vent holes in the housings.
    These holes will be used to mount the LED panels.

Felt plug   *Felt plug*

PASSENGER side housing

    Each LED panel is labeled marked **PASSENGER** and **DRIVER** side and
    have three mounting holes. Position each LED panel in its matching housing.
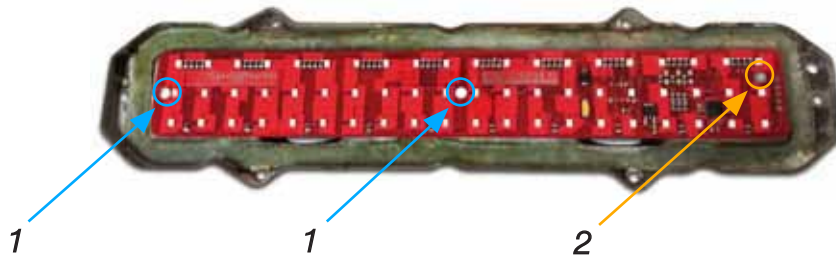
1. *Line up the center and outside holes on the
    LED panel with the vent holes on the housing.*

2. *Locate the other hole and mark its location
    on the housing.*

1   1   2

6. **Drill the housings.**

    Remove the LED panel from the housing. Using a 1/4″ drill bit,
    drill a hole on that mark. Deburr the holes after drilling it.

Important Note

DO NOT DRILL THROUGH THE LED PANEL! *Make sure to not use the LED panel as a template when drilling through
the tail light housing. This can easily permanently damage the LED panel.*

7. **Press in the grommets.**

    Plug up the socket holes using the included grommets. Make sure to put these on before you try to mount the LED panels.

    First, take the grommet and wrap it around an extension harness and then plug it into the hole. Note the orientation of the harness. The male end of the harness plugs into the LED panel.
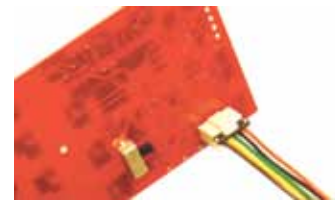
    ### Hint
    It is best to use a small flat head screw driver to work the grommets into the socket holes.

8. **Mount the LED panels.**

    Plug the extension harness into the LED panels. Use the included fasteners to attach the LED panels into the housings.
    Each LED panel uses 3 fasteners and 3 washers.

    ### Note
    The white nylon washers must be sandwiched between the housings and the LED panel to prevent the LED panel from making contact with the housing.

Plastic fastener

Plastic fasteners

LED panel

Nylon Washers

Tail light housing
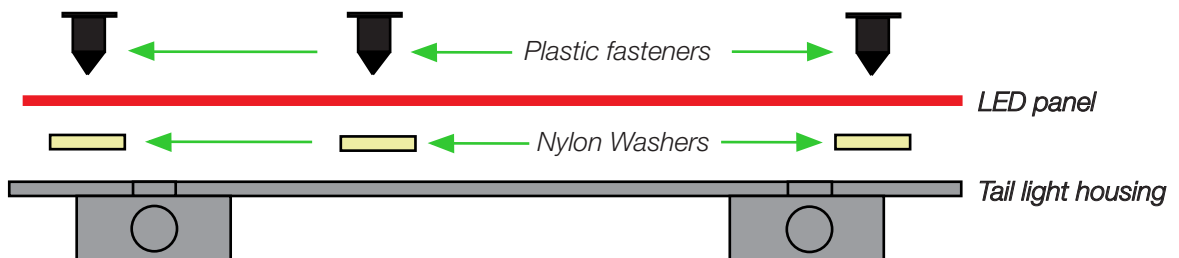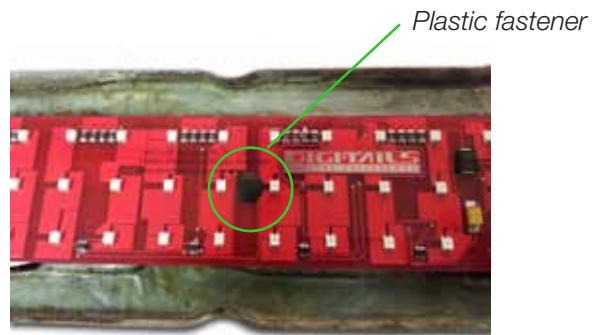
WIRE SPLICING INSTALLATION

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 light 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*	🟢 Dark 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*	

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

An Orange power wire is supplied along with a T-Tap. The orange power wire must powered with a constant 12 volt battery supply for the LED circuitry to operate properly. You can use the included T-Tap connector to splice to a constant power source, like the dome light, trunk light, fuse box, etc.

Spice the T-Tap connector over the constant power source, then plug the orange wire into the T-Tap. The other end of the orange power wire is tied in with the orange wires of all the LED panel harnesses.

1. Insert wire into T-Tap

2. Crimp with pliers

3. Plug connector into T-Tap

6. **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
A wire diagram of the LED panel's harness spliced into the car's stock harness is on the last page.

Note
The LED light kits are designed for best performance when use an electronic no-load flasher. Shown here is an optional electronic no load flasher available from DIGI-TAILS, (PN 20-F2)

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

*BOTH LED PANELS REQUIRE
THE DRIVER AND PASSENGER
SIDE SIGNALS.*

GROUND
WIRES

DRIVER SIDE LED PANEL

PASSENGER SIDE LED PANEL