



1983-87 NISSAN 300ZX w/LED reverse

Six panel Sequential LED Taillight kit installation guide

Kit Contents:

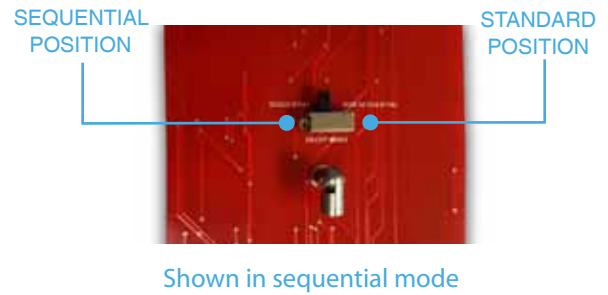
- **6** LED panels
- **1** power wire with t-tap
- **2** drivers side LED harnesses, 24"
- **2** passengers side LED harnesses, 48"
- **4** LED extension harnesses, 12"
- **2** harness crimp kits
- **4** angle brackets

PN 1400284

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.

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 taillights.

Remove the bulbs from the sockets. Put them aside since they will no longer be needed. Pull the light sockets out from the taillight housings. Remove the taillight housing assembly from the car.

3. Separate the taillight assembly.

Gently remove the brake, turn, and reverse lens from the taillight housing. A flat screwdriver or putty knife may have to be used to gently pry the lens apart from the housing. Take your time and be very careful not to crack or break the lens.

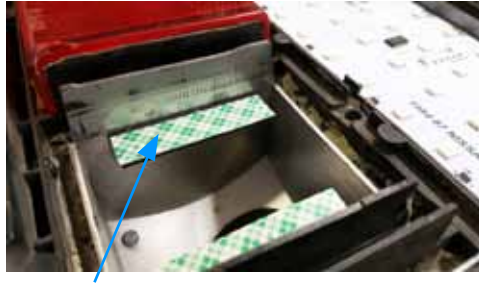


4. Mount the angle brackets.

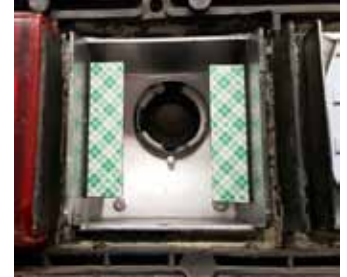
The reverse light LED panel will sit on angled brackets. They are included with double sided tape.



Draw a line parallel with the bucket ends.



Attach the brackets so the top of the tape matches up with drawn line.



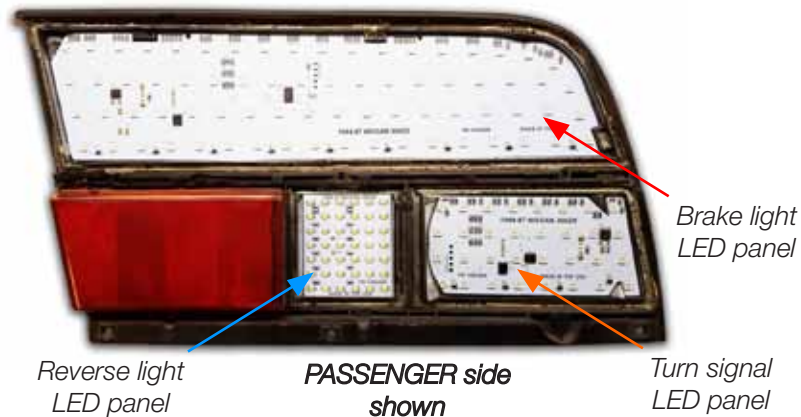
5. Plug in extension wires.

Feed the extension harness through the socket hole and plug them into the LED panels. Once the panels are in place for good, you will be able to easily plug and unplug the harness to remove the taillight housings in the future if needed.



6. Mount the LED panels.

Test fit the LED panels into the housings. The panels should sit square and flat. Once you feel the fit is satisfactory use silicone to attach the BRAKE and TURN signal panels in place. The REVERSE panels are attached with the included double sided tape on the angle brackets.



Reverse light LED panel

PASSENGER side shown







Brake light LED panel

Turn signal LED panel







WIRE SPLICING INSTALLATION

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








DRIVER SIDE TURN PANEL

LED Harness	Function	Stock harness	Notes
 Green			NOT USED
 Yellow	Driver side turn signal	 Green w/ Blue tracer	The light socket ends on the car harness can be removed.
 Brown			NOT USED
 Orange	Constant 12 volt		Find power at fuse panel/trunk light/dome light/fused battery feed.
 Black	Ground		Ground to Body/chassis

PASS. SIDE TURN PANEL

LED Harness	Function	Stock harness	Notes
 Green			NOT USED
 Yellow	Passenger side turn signal	 Green w/ Red tracer	The light socket ends on the car harness can be removed.
 Brown			NOT USED
 Orange	Constant 12 volt		Find power at fuse panel/trunk light/dome light/fused battery feed.
 Black	Ground		Ground to Body/chassis

BRAKE/RUN PANELS

LED Harness	Function	Stock harness	Notes
 Green	Brake light signal	 Blue w/ Yellow tracer	The light socket ends on the car harness can be removed.
 Yellow			NOT USED
 Brown	Running/Park signal	 Red w/ Green tracer	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

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 be 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.

Splice 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 red 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)



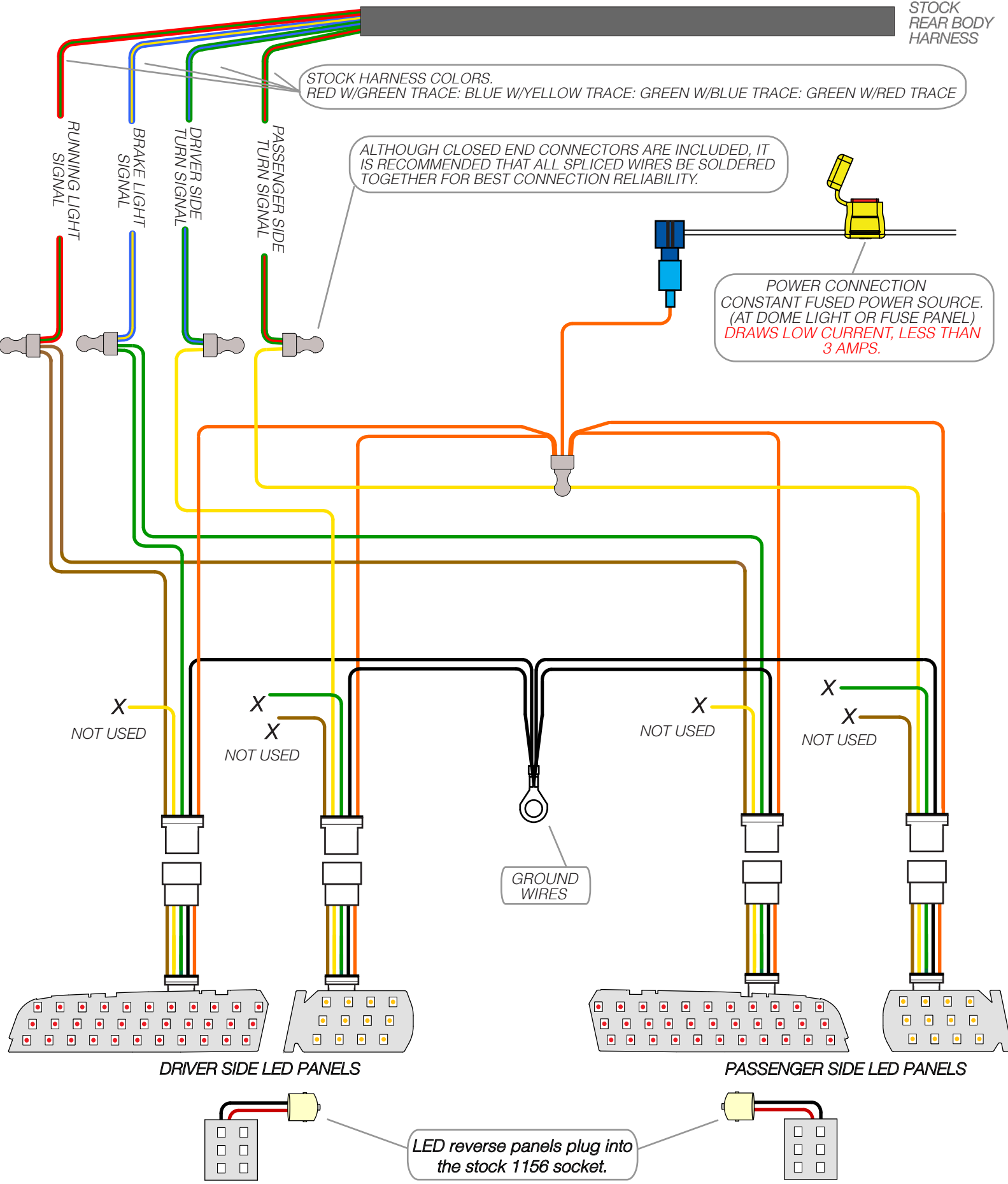
If you decide to use a stock bi-metal flasher, we recommend a standard-duty flasher instead of a heavy-duty flasher. If your turn signal circuit includes front and rear LED turn signals, the circuit will not have enough resistance load to operate a heavy-duty bi-metal flasher, so the no-load flasher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

STOCK
REAR BODY
HARNESS

STOCK HARNESS COLORS.
RED W/GREEN TRACE: BLUE W/YELLOW TRACE: GREEN W/BLUE TRACE: GREEN W/RED TRACE

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.



X
NOT USED

X
X
NOT USED

X
NOT USED

X
X
NOT USED

GROUND
WIRES

DRIVER SIDE LED PANELS

PASSENGER SIDE LED PANELS

LED reverse panels plug into
the stock 1156 socket.