



# 1964-70 Mustang LED Tail Light Kit

## Kit Contents:

- Fitting Instructions
- 2 x LED Tail Light Boards
- 2 x Wiring harness

## You will also need:

- Basic hand tools for removing the light assemblies.
- A soldering iron or suitable connectors to wire the supplied harnesses into the vehicle wiring loom.
- Four stock lens gaskets for your age vehicle or a suitable sealant (eg RTV).
- For the LED turn signals to function correctly you will require a suitable flasher relay.
  - Either a non load variable relay or a relay built specifically for use with bulbs and LEDs should be fitted. Please contact us for more information.

## Fitting Instructions

When installing the LED panels please ensure adequate gaskets (or sealant) are used to prevent moisture from entering the light assembly and contacting the panels or electrical components.

**Before starting the installation it is recommended you isolate the vehicle battery.**

- 1964-66 Mustangs
  - Remove the chrome bezel and lens.
    - There are four screws holding the bezel in place.
  - Remove the bulb from the holder.
  - Push the bulb holder out from the housing. This provides access for the wiring harness – alternatively leave the bulb holder in place and drill a hole through the rear of the housing.
  - Pass the harness connector through the access hold and connect to the LED board.
  - Fit the LED board into the housing using the gaskets or sealant.
  - Refit the lens and bezel and secure with the screws.
  - Perform the same for the second tail light.
  - Now proceed to the wiring instructions.
- 1967-69 Mustangs
  - Disconnect the bulb holders from the tail lights.
  - Remove the bezels and light assembly from the vehicle.
    - The bezels and assemblies are secured with nuts/screws from inside the trunk.
  - Remove the rubber seal and lens from the light assembly.
  - Pass the harness connector through the access hold and connect to the LED board.
  - Fit the LED board into the housing using the gaskets or sealant.
  - Refit the lens and seal.
  - Refit the assembly and bezels to the vehicle.
  - Perform the same for the second tail light.
  - Now proceed to the wiring instructions.
- 1970 Mustangs
  - As above 1967-69 with the exception that the LED panel must be securely glued in place into the light bucket.



## Wiring Instructions

Over the years your vehicle may have had modifications performed to the wiring. Before attempting to fit these light units please obtain a wiring diagram for your vehicle and familiarise yourself with the current state of the vehicle wiring looms.

The supplied harness contains 4 colour coded wires

1. Black – Ground/Earth
2. Red – Brake Light +V
3. Orange – Tail Light +V
4. Yellow – Turn Signal +V

## Stock Wiring Modifications

The stock wiring of the 1964-70 Mustangs combine the brake and indicators into one circuit. In order for this kit to function you must separate the brake and indicator 12V circuits. Perform the following:

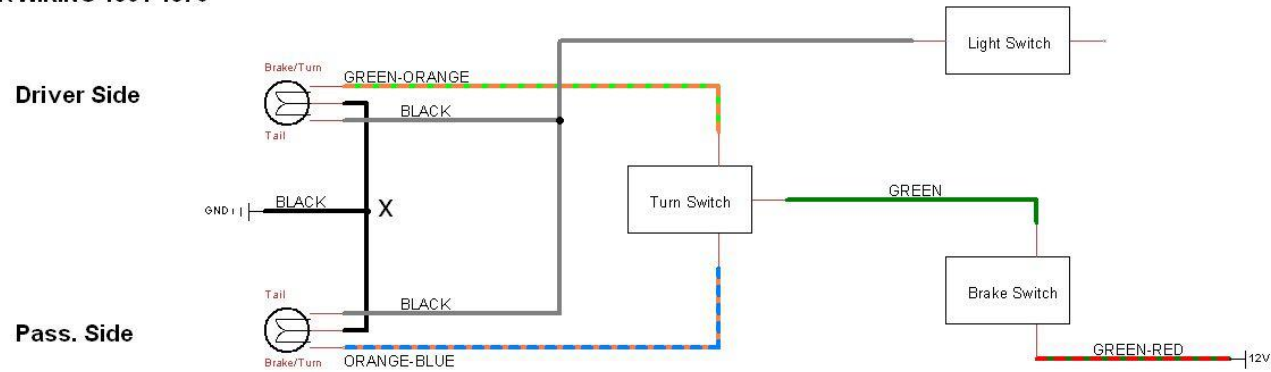
1. Locate the switch on the brake pedal
2. There are two wires connected to the switch
  - a. Green – This is connected into the steering column harness.
  - b. Green-Red – This wire has a permanently live 12V source.
3. Disconnect the Green wire from the switch. Insulate the exposed end and secure out of the way.
4. Connect a new (suitably rated) piece of wire to the terminal on the switch and route the cable through the car to the rear of the vehicle – It is best to follow the stock wiring harness along the driver side body sill.
5. Connect the new wire to the Red wire of the LED light board on the Driver side.
  - a. Tee off from this connection and run a wire to the passenger side of the trunk.
  - b. Connect this to the Red wire of the second LED board.
6. The original indicator/brake wires within the stock harness can now be connected to the yellow wires of the LED lights.
  - a. Green-Orange – Driver side
  - b. Orange-Blue – Passenger side
7. Connect the original Black Tail light wires to the Orange wires on the LED light boards.
8. Finally connect the Black wire of each LED light board directly to a suitable ground.

Note: The original Mustang wiring uses Black cable for both the tail light circuit and ground connections. Ensure the correct cables are connected to the tail light and ground wires on the new LED units.

If you have any questions regarding the kit or the installation please contact us via the email address shown below.

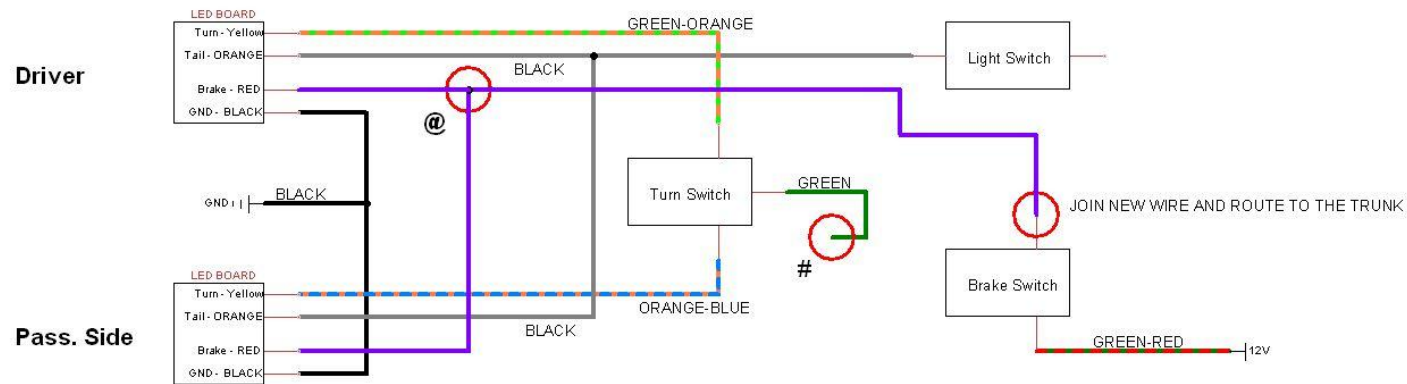


**STOCK WIRING 1964-1970**



X ON 64-65 THE BULBS ARE GROUNDED DIRECTLY THROUGH THE LIGHT HOUSINGS AND THIS CONNECTION DOES NOT EXIST

**MODIFICATIONS TO INSTALL BRIGHTLIGHTCUSTOMS REAR LED LIGHT CONVERSION**



@ TEE INTO NEW WIRE AND CONNECT TO SECOND LED UNIT

# INSULATE AND SECURE WIRE

BrightLightCustoms

hotmail.co.uk

NOTE: For the LED turn signals to function correctly a suitable flasher relay must be fitted to the vehicle.

www.brightlight-customs.co.uk