This kit fits 67-70 Shelby and California Special Cars : SD-6009, SD-6009-UB, and MP-6009, and MP-6009-UB

Installing the flasher module

First we will remove the old original flasher module. The original flasher module should be located. It is important to change the turn signal flasher not the emergency signal flasher.

The installation procedure is as follows:

1) Locate turn signal flasher. Turn on the turn signal blinker and listen to the clicking sound to help you locate the blinker can.
2) Remove the old flasher can.
3) Connect the new flasher wires red and greed to the Mustang's wiring previously removed.
4) Connect the black "ground" wire from the new LED flasher module to a good chassis grounding point.

Simply unsnap the cylinder shaped module and remove the push on connectors. These will be attached with a green wire and a orange/yellow wire.

The LED flasher module has three color coded wire leads. Red, Green, and Black.

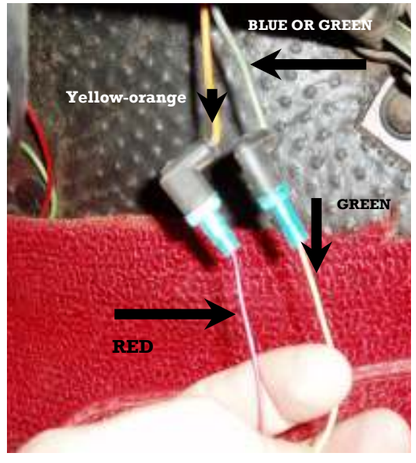
Once you remove the old module install the new LED flasher module by simply plugging in the red wire to the Mustang's **yellow-orange wire** and the green wire to the Mustang's **blue** wire.

You now have only to attach the black wire to a convenient chassis ground point.

A likely place to connect the black ground wire will be under a mounting screw on the dash or on any metal part screwed under the dash.

Just make sure that there is a good electrical connection between the black wire and the cars chassis.

Lead wires on LED flasher module.



Car Specific Wiring

This kit requires that the taillights be wired as shown to the right.

If your 67 or 68 Shelby still has the old Shelby wiring or has dynamite sticks or some other type of sequential taillight system it must be removed.

67 and 68 Shelby need to be rewired to match the California Specials as shown.

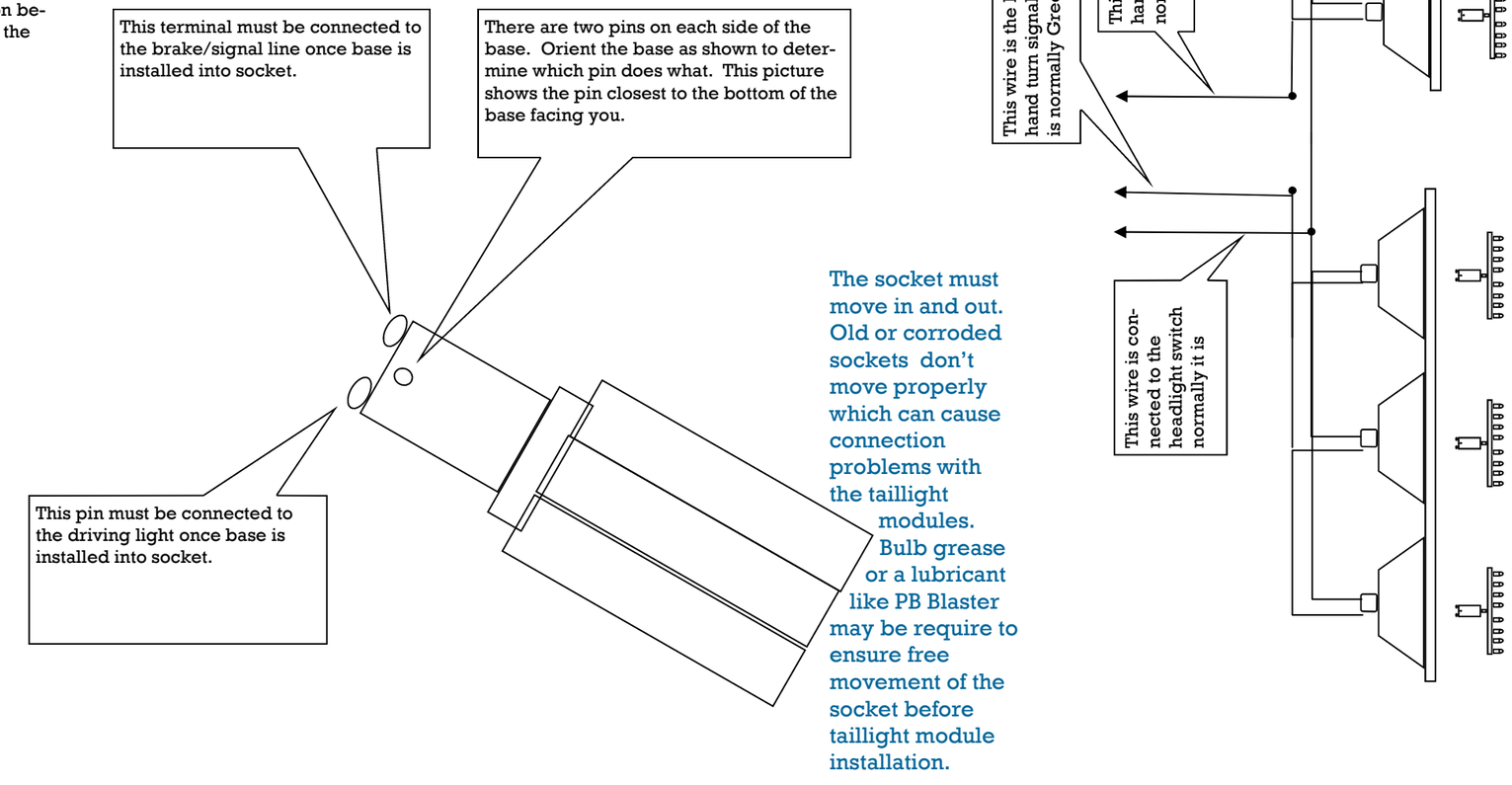
Jumper wires are included for 69 and 70 Shelby. California Specials which have not been modified from their original non-sequential functions will not require any rewiring.

If the sockets in your car have been replaced or rewired make sure that they are wired so that the socket provides the wiring as shown below to the sequential taillight module.

All Mustang sockets are designed to be "polarized" so that the same pins are connected to the brake/tail light and driving light lines.

The socket needs to move freely as you insert the LED module. IF the taillight socket has boots on the back . **REMOVE the boots before you insert the LED module.**

After the module is properly seated replace the boot. These sockets become rusty over the years and do not adjust freely. Spray with PB blaster to ensure free movement.



The socket must move in and out. Old or corroded sockets don't move properly which can cause connection problems with the taillight modules. Bulb grease or a lubricant like PB Blaster may be require to ensure free movement of the socket before taillight module installation.

1969—1970 Shelby Wiring Jumper Hook Up

This manual assumes that your Shelby has already been converted from its original electro-mechanical operation.

This seems to be the case for most Shelby's.

If your 1969-1970 Shelby or still has the original electro mechanical sequencing system the following instructions and included wiring jumper harness will allow you to bypass the old system. For 67 and 68 Shelby consult your shop manual for wiring diagrams.

First double check you car. If your Shelby works as follows it has been converted and no modification is needed!

Pressing the brake illuminates all brake light to full brightness. Activating the turn signal only makes the appropriate taillight blink on/off without sequencing.

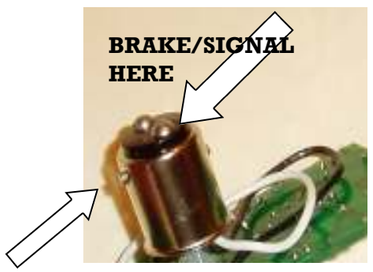
If your taillight still sequence in some manner you have some old equipment which must be removed.

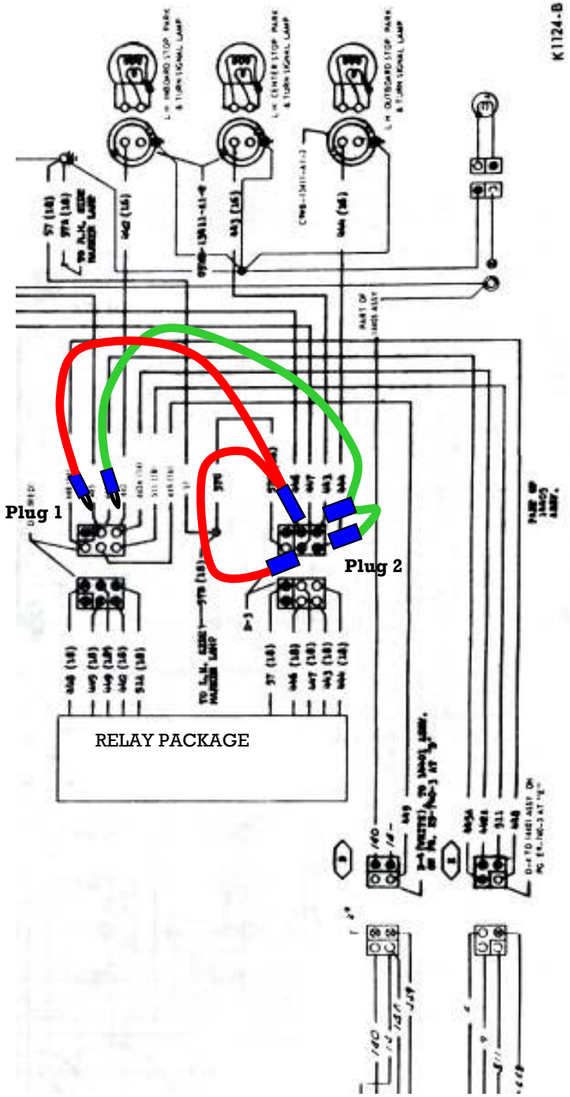
The schematics shown here are for your reference. Note that we have indicated the classic modifications made to Shelby's 69 and 70 cars. Essentially all of the brake light lines of each side are connected together and wired into the turn signal switch. This is OK for use with the LED sequential taillights. In fact this is the desired connection.

The so-called Relay Package should be removed and bypassed as shown.

Also please note that if your Taillights do not sequence after installation but only blink on/off either you have installed the flasher module in place of the emergency flasher or you have reversed wired sockets. It is CRITICAL that the sockets be wired so that the Brake/Turn signal wire connect to LED module pin as shown below once the module is installed.

Make sure you install the LED modules are installed in the proper location. Each module is provided in a marked bag for proper location. Left and right module can be interchanged only inner, middle, and outer positions are critical for the LEDs.





1) Remove the original relay package labeled "RELAY PACKAGE" on the diagram to the left.

2) Plug in the **RED** jumper harness supplied in your kit. This harness plugs into the 6 position plug (normally red) with a male connector labeled PLUG 1 on the following diagram. The female connectors plug in to the remaining 6 position plug (either white or black labeled PLUG 2).

To Summarize:

- The red jumper is plugged in as follows. For PLUG 1 the red harness **male** connector goes to the pin position with the ORANGE BLUE wire(#445).
- The red jumper **female** connectors are plugged into PLUG 2 at two positions corresponding to the ORANGE WHITE and ORANGE RED wires (#446 and #447).

1) Plug in the **GREEN** jumper harness supplied in your kit. This harness plugs into the 6 position plug (normally red) with a male connector labeled PLUG 1 on the following diagram. The female connectors plug in to the remaining 6 position plug (either white or black labeled PLUG 2).

To Summarize:

- The green jumper is plugged in as follows. For PLUG 1 the green **male** connector goes to the pin position with the GREEN ORANGE wire(#442).
- The green jumper **female** connector is plugged into PLUG 2 in two locations corresponding to the GREEN RED and GREEN BLACK wires (#443 and #444).

Installing the LED Taillights

Now install the LED taillight modules.

Each module is clearly marked inner middle outer. The inner module go closest to the gas cap.

You will follow the procedure below for installing each LED taillight module.

1) Verify that the ignition is off and that the cars lights are OFF too.
2) Remove each socket and the old incandescent lamps.
3) Align each module by rotating the left end down slightly and inserting the base into the existing Mustang lamp socket. Carefully align the socket pins with the slot.
4) Gently push the LED taillight module into the socket making sure that the alignment pins and the socket slots are properly aligned.
5) Now push in on the LED module being careful not to bend any of the LED components and twist the assembly to the right to lock in the base.

A slight tilt of the LED taillight assembly is normal once it is installed and will not affect operation.

A typical normal installation is shown on the following page.

The installation is now complete!

"Do not force the module installation. Make sure the LED taillight base pin and the lamp socket slot is aligned. Also ensure that you are using the "right" module in the right side etc. .