Jaguar XKE Series II/III LED Tail Lights Installation Instructions

- Refer to the parts list at the last page of these instructions and verify that the set is complete.
- 2) We recommend that the tail light functions be verified to operate correctly before installing the LEDs. If possible measure the voltage levels for the running and brake lights at the tail lights. They should be within a few 10^{ths} of a volt compared to the battery voltage. If not you may have wiring issues that should be addressed.
- 3) LED tail light turn signals usually require an updated flasher unit to work properly. Negative ground cars can use an electronic or electromechanical flasher. Positive ground cars must use an electromechanical flasher. Here is a list of flasher units that have proven to work correctly.

Electromechanical Flasher:

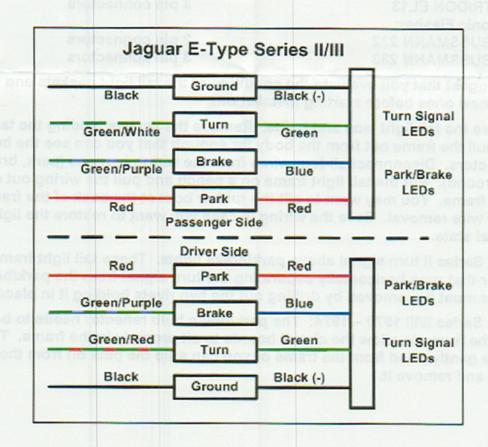
TRIDON EL12 2 pin connectors
TRIDON EL13 3 pin connectors

Electronic Flasher:

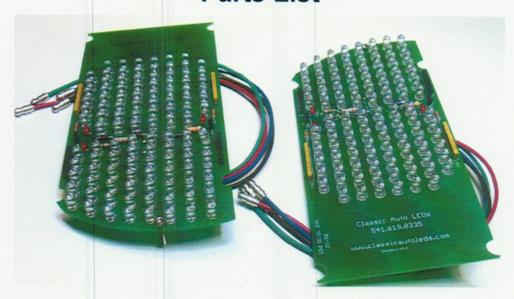
BUSSMANN 232 2 pin connectors BUSSMANN 233 3 pin connectors

- 4) We suggest that you evaluate the condition of the tail light gaskets and if necessary order new ones before starting installation.
- 5) Remove the tail light lens and bulbs. Remove the screws holding the tail light frame then pull the frame out from the body far enough that you can see the bullet connectors. Disconnect all four wires from the wiring harness (park, brake, turn, and ground). Put the tail light frame on a bench and pull the wiring out of the front of the frame. You may want to slit the rubber boot at the back of the frame to allow easier wire removal. Save the wiring in case you want to restore the lights to their original state.
- 6) Note: Series II turn signal above park/brake lights. These tail light frames have a divider that runs horizontally seperating the turn signal from the park/brake. The divider must be removed by drilling out the two rivets holding it in place.
- 7) Note: Series II/III 1970 1974: The park/brake bulb reflector needs to be removed from the frame to allow the circuit boards to sit properly in the frame. The reflector can be gently pried from the frame or you can snip the pins off from the back of the frame and remove it.

- 8) There are two 4-40 Allen head screws, one for each board. Screw one into each board as shown in the photo. These will set the board height in the frame.
- 9) Take a circuit board and feed the wires back through the bulb holder(s). Place the end without LEDs against the frame base. Next push the other end down until the 4-40 screw bottoms out against the frame (picture above). Put a spot of silicone adhesive or hot melt glue at each lens mount screw stand.
- 10) When the adhesive is cured take the frame and connect the wiring to the wiring harness as shown below. Use the included 2 way bullet connector sleeve for the ground wire.
- Mount the frame and install the gasket and lens.
- 12) Repeat the process for the other side of the car.



Parts List



	Description	Qty
1	2 way bullet connector sleeve	2
2	4-40 x 5/8" SS screw	2
3	Park/Brake/Turn Signal light circuit board	2
4	Installation instructions and wiring diagram	1