



Albany, Oregon

Designed and Manufactured by:
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Austin Healey BJ8, MG Magnette, Classic Mini, TR4/250 and Others Tail Light or Turn Signal Instructions

1. Refer to the parts list at the last page of these instructions and verify that the set is complete. These sets come in either positive (yellow ground wire) or negative (black ground wire) ground configuration. Check that you have the correct set before starting the installation.

Recommendations:

- 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 10ths of a volt compared to the battery voltage. If not you may have wiring issues that should be addressed.
2. 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

3. Remove the lens and the light bulb. Disconnect the wiring harness from the bulb socket. Pull the bulb wires out through the lens side of the light frame.
4. There are three wires from the back of the circuit board.
 - a) The ground wire will be either Black (negative ground) or Yellow (positive ground).
 - b) The Red wire is the parking lights for the tail light or a front running light if used as a front turn signal.
 - c) The Blue wire is the brake light for the tail light function. If used as a front turn signal then this wire is Green.
 - d) Push the three wires back through the tail light frame. Connect the Red and Blue or Green wires to the existing wiring harness. Connect the ground wire to a good ground (the tail light frame, etc.).
5. Reinstall the lens.
6. Repeat this process for the other side.
7. Test the lights and you are done.

Parts List

Description		Qty
1	LED Circuit Boards	2

