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1970 – 1980 MGB LED Tail Lights Installation Instructions

1. Refer to the kit contents below to verify that the kit is complete.
Typical install time: Roadster takes about 1 to 1 ½ hours, GT may take some additional time.
2. Start with the right side tail light assembly. Remove the tail light lens and both bulbs. Open the trunk and disconnect the tail light wiring from the wire harness. **Note:** *The wiring harness is held to the tail light frame by a small clip. Undoing the clip from the frame give much easier access to the wiring.* Next remove the rubber covers holding the tail light wires. Pull the wires out the front of the tail light housing. A small amount of WD-40 will help get the rubber covers over the wire ends. Save these units in case you ever want to restore the tail lights to original condition.
Note: *There can be a problem with the original bullet connectors crumbling when pulled apart. You can buy them from Moss Motors or other British parts suppliers.*
3. Replace the double connector for the red parking light wires with the supplied triple connector. The double connector will be used on the left tail light setup.
4. The stock tail light bulb circuits are grounded through the tail light frame to the body. The new LED tail light grounds are wired directly to the wiring harness which is grounded at a common point in the trunk. **Note:** *Verify that the common ground connection is clean and tight.* Replace the ground circuit double connector with the next supplied triple connector. This will also be done on the left side tail light installation. Refer to the installation wiring diagram (Fig.1).
5. Take the wires of the top circuit board and feed them through the top bulb holder. Pull the wires so that the board is against the bulb reflector. Apply a bead of Silicon along the board's base and a couple of spots across the top. Some tape or a rubber band can be used to hold the board in place while the Silicon dries.
6. Take the bottom circuit board and insert it into the tail light lens. Push the bottom of the board against the front of the lens. Refer to the installation drawing (Fig. 2). Then push the top of the board into the lens. Apply a bead of Silicon rubber at the base of the board. Then apply a spot of Silicon at top corners of the board. This step is not necessary, but is recommended.

7. Repeat the above process for the left side tail light assembly and follow the wiring diagram.
8. When the Silicon is dry connect the LED wiring to the car's wire harness as defined in the electrical diagram below (Fig 1).
9. The new LED units do not draw enough electrical current to enable the stock turn signal flasher to work correctly. It will light the turn signal but it will not blink. If you have the original turn signal flasher unit you will have to replace it with an electronic one available at any auto parts store. We have been using the Buss-232 flasher unit with good results. Any two connector electronic flasher should work.

Kit Contents

	Description	Qty
1	Triple bullet wiring connector	3
2	Top brake and parking light circuit board	2
3	Bottom brake, parking light, and turn signal circuit board	2
4	Installation instruction and wiring diagram	1





