

INSTRUCTIONS

LED Bulb replacement Kit (4Watt) – LB1

General

This kit is designed to fit the OEM lampholder. Depending on the specific kit ordered, there may be 2, 4 or 6 modules included.

Each bulb is replaced by four 1.0 watt wide beam LEDs. These draw less power than the bulbs, they reach full brightness much faster, they will last longer than Bulbs, and are extremely vibration resistant.

Installation

a) Preparation.

1. Remove the Lens from the rear light cluster by removing the screws.
2. Remove the bulbs by pushing gently and rotating counter-clockwise
3. Optional steps
 - a. Inspect the inside of the lamp holders and remove any corrosion or dirt (a soft wire brush is ideal, but failing this, a plastic type kitchen scourer can be used)
 - b. Clean the reflector with dilute solution of dishwashing detergent.
 - c. When dry, smear the inside of the lampholder with dielectric grease (this will prevent future corrosion for many years)

b) Fitting..

The screw threaded portion of the module has been left deliberately long to assist in insertion.
The leads on the LEDs have been left deliberately long to aid in heat dispersion.

1. Select the appropriate module. (see attached diagram)
 - Some modules are obviously shaped to fit in a particular place in the cluster... for example later mini reversing lights... which will also be marked on the back “R” or “W” to signify Red or White.
 - Some modules will have two contacts on the base, these are Red stop and tail modules and should be fitted to lampholders with two contacts in the bottom
 - Indicator modules will have only one contact on the base and should be fitted to a lampholder with only one contact at the bottom.
 - Some modules fit better one way up (the hole may be slightly off-centre)
2. Fit the module to the lampholder
 - Grasp the threaded portion, and push and twist into the lampholder until it positively engages
 - Adjust the bottom nut until the circuit board is in the correct position (the aim is for the board to be gripped between the two nuts in a position that still allows the threaded portion to be pushed in slightly against the lampholder spring pressure.
 - Fit the board in position and tighten the top nut (good finger tightness is sufficient)

c) Finishing

Clean the lens and refit.Note...*Older flasher units may flash the indicators too quickly with these LED lamps. If this is the case we can supply ballast resistors and fitting kit to correct the problem.*