

LUCAS

ROOF MOUNTING SPOTLAMPS



MODELS RMS 576 & RMS 700

PATCH Nos. 053313, 053314

IMPORTANT

In further explanation of the first paragraph overleaf, these lamps are intended primarily for International Trials and Rallies. Use of such lamps in certain territories is controlled by law, and users should therefore be aware of local requirements. For example, in the United Kingdom legislation forbids the use on the road of lamps exceeding 7 watts mounted at a height greater than 3ft. 6ins.

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ROOF MOUNTING SPOTLAMPS

MODELS RMS 576 AND RMS 700

In some territories the use of spotlamps is controlled by law and owners should therefore get to know the local requirements. In the United Kingdom spotlamps must not be used when the vehicle is in motion.

Roof Piercing

The vehicle roof must be pierced at a convenient point to provide a central hole of 2" (50.8 mm.) diameter with three 2 B.A. screw thread clearance holes of $\frac{1}{8}$ " (5.1 mm.) diameter spaced at 120° on a pitch circle of $2\frac{1}{16}$ " (68.26 mm.) diameter. **A template is given below and can be detached by tearing along the perforation.**

Note : As optional extras, chromium plated blanking plates can be obtained which, used in conjunction with the existing rubber gasket and fixing screws, enable the roof piercing to be sealed when the lamp is not required on the vehicle. These plates, illustrated opposite, can be ordered under Despatch No. 053318, comprising upper plate 535765 and lower plate 535766.

Spotlamp Fitting

Slacken the screws at the lower edge of the front rim and remove the Light Unit from the lamp body. Disconnect the purple-with-black bulb feed cable and the black earth return cable from the scroll type terminals.

Remove the hexagon nut, shakeproof washer, earthing cable terminal eyelet and plain washer from the well in the base of the lamp body.

Lift the lamp body off the inner stem and bulb feed cable, noting that the flat on the inner stem engages with the toe of the L-shaped bracket in the well of the lamp body. Disengage the corrugated sealing rubber from the upper clamping plate flange and lift off the sealing rubber complete with the aluminium adaptor sleeve.

Unscrew the three fixing screws and lift off the upper clamping plate, rubber gasket and cable bracket.

Slacken the knurled clamping nut and assemble the lamp to the roof, fitting the cable bracket on the underside and the rubber gasket on the outside.

The remaining assembly procedure is a reversal of the foregoing instructions.

Before tightening the stem nut, the lamp body should be positioned on the adaptor sleeve so that the lamp and handle are in line when viewed from the front. In side elevation, the lamp body can be tilted to the vertical when the handle is in the mid-position of its movement, in order to get the maximum amount of swivel from a lamp which is mounted to a curved roof surface.

A smear of silicon grease should be applied round the upper clamping plate flange and to the outside of the lamp body ball shell base.

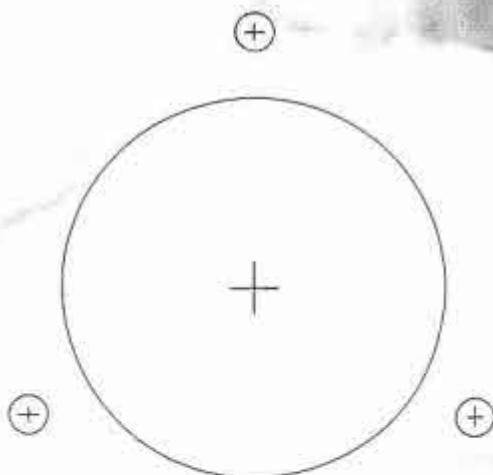
Wiring

The twin-core cable which enters the handle via the cable bracket is coloured purple and black. Using additional cables of appropriate length, the purple core must be connected to a suitable supply point (such as fuse unit terminal "A2" or "A4" on many vehicles) while the black core must be connected to a good earthing point (such as control box terminal "E"). The ends of the twin-core cable are fitted with Lucas bullet connectors for connection (by means of a two-way snap-connector) with the additional cables.

Bulbs

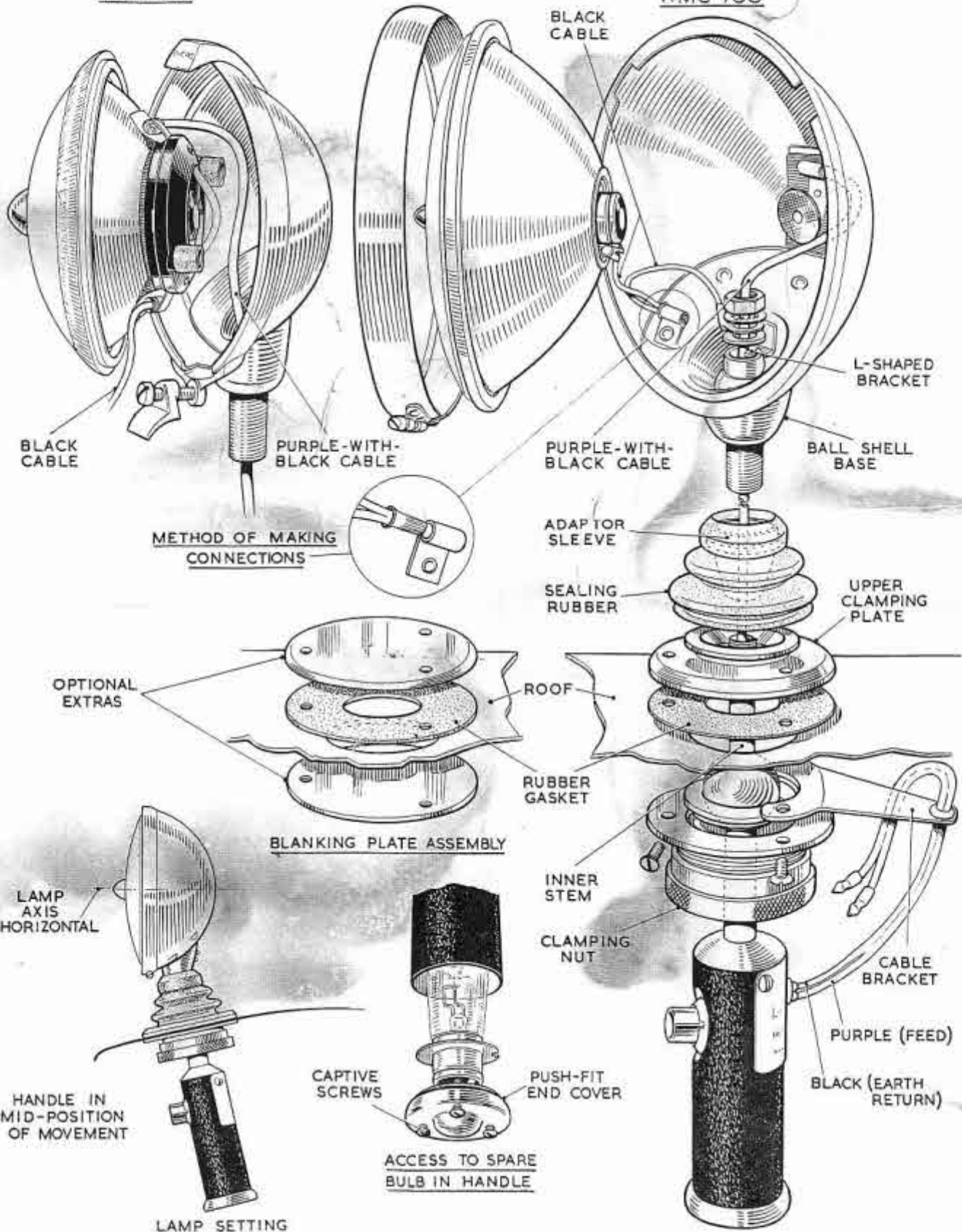
A 12-volt 48-watt pre-focus axial filament bulb No. 185 is fitted in the lamp while a spare bulb is fitted in the handle. Access to the spare bulb is gained by slackening the three captive screws in the base of the handle and withdrawing the chromium plated end cover.

ROOF PIERCING TEMPLATE



RMS 576

RMS 700



ASSEMBLY OF ROOF MOUNTING SPOTLAMPS

