

Chapter 10

WARNING LAMPS, SMITHS, TYPE CFP

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LEADING PARTICULARS

<i>Length</i>	2.187 in.
<i>Maximum diameter</i>	1.00 in.

Introduction

1. The Smiths Type CFP warning lamps fall into two main categories, those fitted with a dimming device and those without.

Lamps within each category are identical except for the colour of the glass fitted. Details of the glass fitted to a particular lamp will be found in Table 1.

TABLE 1
Warning lamp Details

Lamps with dimmer		Lamps without dimmer		Colour of glass
Ref. No.	Smiths Type No.	Ref. No.	Smiths Type No.	
	36 CFP	5CX/5199	CFP 10	Red
	37 CFP		CFP 12	Green
5CX/4013	38 CFP			Red
5CX/5202	39 CFP			Green
5CX/5154	43 CFP		48 CFP	Amber
5CX/5203	44 CFP			White
5CX/5155	45 CFP		CFP 18	Blue
	46 CFP			Red
			CFP127	Clear

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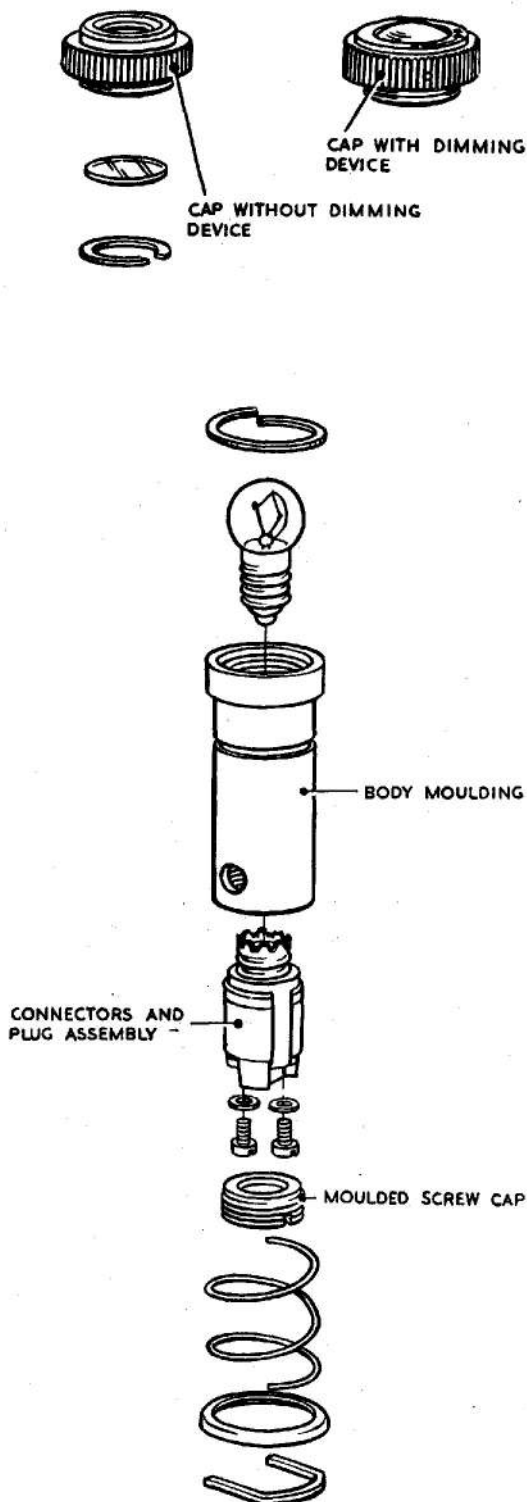


Fig. 1.

Type CFP Warning lamp—exploded view

DESCRIPTION

2. The construction of the two categories of lamp is identical except for the lamp cap which, in the case of those fitted with a dimming device, has an iris type shutter.

3. The exploded view shown in fig. 1 clearly indicates the construction of the lamps, which comprise a lamp cap (with or without dimming device), a miniature filament lamp, a body moulding, and a connector and plug assembly. A fixing spring which fits over the body moulding is retained by a cup and clip located in a circumferential groove and enables the lamp to be resiliently mounted on the instrument panel.

4. Two letters, "D" and "N" are engraved in the front of the cap fitted with a dimming shutter and represent Day position (full opening) and Night position (small opening). The knurled cap must be turned in the appropriate direction (indicated by an arrow) to obtain the correct setting.

INSTALLATION

5. To mount the lamp, the cup ring should be pushed forward and the retaining clip removed; the spring and cup ring can then be removed from the lamp body. Insert the lamp in the cut-out from the front of the panel ensuring that the key locates with the keyway in the panel. Replace the securing spring and cup ring and retain with the fixing clip.

6. The terminals are 6 B.A. screws and washers and the connecting cables enter via 0.250 in. cable holes drilled in the lamp body.

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