

2. Loosen the three cross-head screws securing the rim and light unit, and turn the rim slightly in an anti-clockwise direction; this will align the larger end of the three key-hole slots in the periphery of the rim with the screw heads.
3. Hold the light unit on its location and withdraw the rim.
4. Remove the light unit and disconnect the cable adapter from the rear of the unit.

To fit a light unit

The procedure for fitting is the reverse of the removal procedure. It is not necessary to re-set the headlamp beam when fitting a new light unit, providing the headlamp has not sustained damage and the adjusting screws have not been altered.

Beam adjustment

Two slotted screws are provided in each headlamp as a means of adjusting the light units. The adjusting screw (6) provides adjustment in the vertical plane, and the adjusting screw (11) provides adjustment in the horizontal plane.

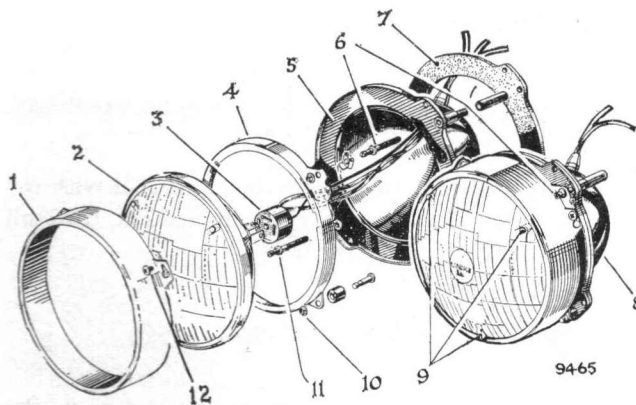
The beam directions of the light units are set relative to "aiming pads" moulded on their lens during production.

Lamp aiming can therefore be carried out by setting the plane of the pads in fixed relation to the direction of travel.

A spirit-level type beam-setter is required for this purpose, full details of which can be obtained from Chrysler United Kingdom Ltd., Service Division, Coventry.

If a spirit-level type beam-setter is not available, an optical type beam-setter can be employed, providing it is the type which can be adjusted in both horizontal and vertical planes to allow the No. 2A light units to be set with the dipped beam 2° down and 2° left, and the No. 1A light units ½° down with no deflection to the left or right.

If the beam-setters described are not available, a fair amount of accuracy can be obtained by using aiming boards in the manner described in the following paragraphs.



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| 1. FRONT RIM | 7. SEALING GASKET |
| 2. LIGHT UNIT (2A) | 8. LAMP BODY |
| 3. CABLE ADAPTER | 9. AIMING PADS |
| 4. SEATING RIM | 10. RETAINING RING |
| 5. LAMP BODY | 11. BEAM ADJUSTING SCREW
(HORIZONTAL) |
| 6. BEAM ADJUSTING SCREW
(VERTICAL) | 12. RIM RETAINING SCREW |

Fig. 25a. Exploded view of F575 dual headlamps

Aiming board procedure

Any Sealed Beam light unit in the four headlamp system can be set by marking off a smooth wall or suitable board and aiming the appropriate light against it. Marking details are shown in the accompanying diagrams and the procedure should be carried out as follows:—

1. Place the car on level ground and apply the handbrake.
2. Ensure that the front of the car is parallel with the aiming board which must be positioned 25ft. (7.62 m.) from the front of the car.
3. Clean the lens of both headlamps.
4. Commence adjusting one inner lamp and mask the remaining lamps. The adjusting screws are accessible from the front of the car.
5. With the lamp illuminated in the main beam condition, turn the adjusting screws in the appropriate direction until the setting shown in Fig. 25b is achieved.
6. Remove the mask from the adjacent outer lamp and mask the inner lamp already adjusted.