

Aiming board procedure

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 headlamp and mask the other headlamp. The adjusting screws are accessible from inside the luggage compartment.
5. With the headlamp illuminated in the **main** beam condition, turn the adjusting screws in the appropriate direction until the setting shown in Fig. 25 is achieved.
6. Set the other headlamp by following the procedure described in operations 4 and 5 for the first headlamp.

North American Specification

The two headlamps have Sealed Beam light units with right-hand dipping. The procedures for renewing a light unit and adjusting the headlamps are the same as described in the foregoing paragraphs for Home Market cars.

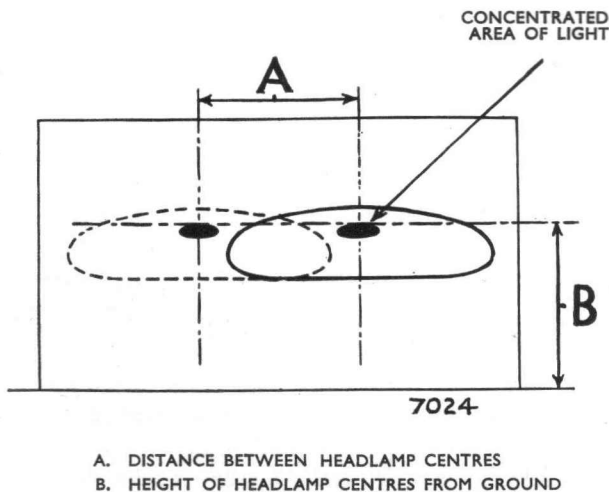


Fig. 25. Beam-setting diagram for main beams of two headlamp system

European Specification

The two headlamps have detachable bulb light units which do not have aiming pads on their lens, consequently the beam-setting of the lamps should be carried out with the aid of an optical type beam setter. If this type of beam-setter is not available, the aiming board procedure described in the foregoing paragraphs can be adopted.

A detachable bulb can be renewed by removing the light unit, disconnecting the headlamp cables, and disengaging the spring securing the bulb to the reflector.

F575 FOUR-HEADLAMP SYSTEM (Fig. 25a)

Two pairs of headlamps are employed in this arrangement, each pair being of 5 $\frac{3}{4}$ in. (12.8 cm.) diameter. The inner lamps have a single main beam filament, and the outer lamps have a dipped beam filament and a supplementary main beam filament.

When full lighting is required, the inner lamps each give 50 watts of main beam driving light which is supplemented by the outer lamps, each providing a further 37 $\frac{1}{2}$ Watts. Main beam driving therefore provides lighting with a total power of 175 watts.

Dipping the lights extinguishes the inner lamps and dips the outer lamps onto 50 watt filaments to provide 100 watts of carefully distributed light.

The light unit fitted to each headlamp is the Sealed Beam type which is integrally constructed and cannot be dismantled. In the event of failure, the complete light unit must be renewed.

For identification purposes, the outer light units have the marking "2A" on the glass, and the inner units have "1A" on the glass.

To remove a light unit

1. Remove the screws securing the headlamp bezel to the front of the car and withdraw the bezel.