

- |   |                                    |
|---|------------------------------------|
| 1 Fixed fire extinguisher remote control handle | 8 Bracket, flotation screen strut  |
| 2 Ignition system ventilation pipes             | 9 Vacuum servo unit                |
| 3 Portable fire extinguisher                    | 10 Bleed nipple                    |
| 4 Coolant filler cap                            | 11 Ignition coil                   |
| 5 Vacuum servo air filter                       | 12 Bracket, flotation screen strut |
| 6 Air outlet louvres                            | 13 Fuel gauge transmitter unit     |
| 7 Lifting eye                                   | 14 Fuel tank filler                |
|   | 15 Carburetter                     |

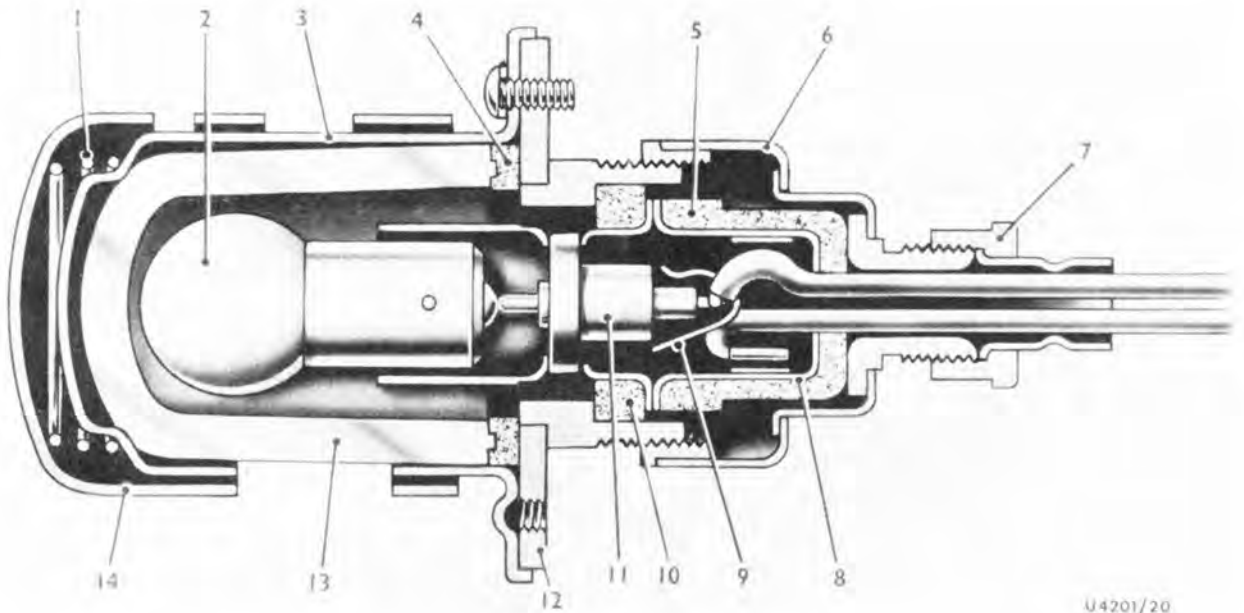
Fig 26 Engine compartment, left rear (Mk 3, 4 and 5 vehicles)

- (4) If necessary, top up just below the edge of the filler hole with clean coolant.
- (5) Replace the filler cap, turning it clockwise as far as possible to make a pressure-tight joint. Close and secure the engine cover.

#### To drain the cooling system

10. As the system contains anti-freeze mixture, the mixture should be drained into a clean container and preserved for reuse.

- (1) Remove the radiator filler cap.



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|------------------------|---------------------------|
| 1 Light shield spring  | 8 Negative connection cup |
| 2 Lamp                 | 9 Terminal cover          |
| 3 Front cover          | 10 Front rubber mounting  |
| 4 Gasket               | 11 Lampholder             |
| 5 Rear rubber mounting | 12 Backplate              |
| 6 Locking ring         | 13 Lens                   |
| 7 Cable bush nut       | 14 Light shield           |

Fig 36 Registration plate light

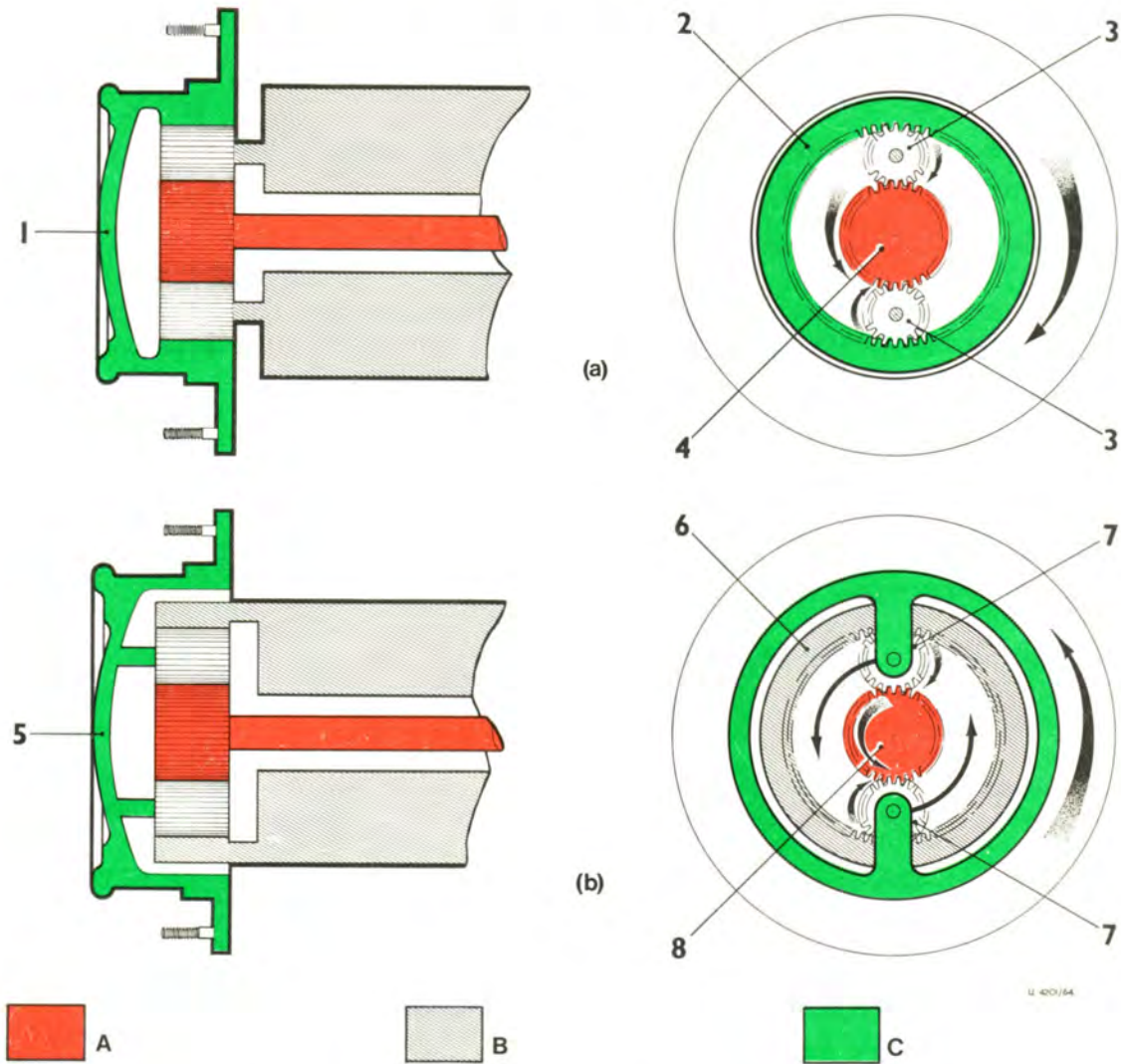
### REGISTRATION PLATE LIGHT

28. The registration plate light (Fig 36), is fitted to the hull rear plate, the cable to the light is of sufficient length to permit removal of the plate for engine servicing with the light connected.

29. The front cover is cylindrical with a 180 deg light aperture. Fitted on the cover is a light shield with two light apertures, one similar to that of the cover and diametrically opposite this a 3/8 inch diameter hole. The shield is slotted to engage a locating peg fitted to the cover and the shield may be rotated on the cover, within the limits set by the peg, to give full or restricted illumination. The light shield (14) is spring-loaded by reason of a spring (1) fitted between the end of the cover and the shield.

### CONVOY LIGHT

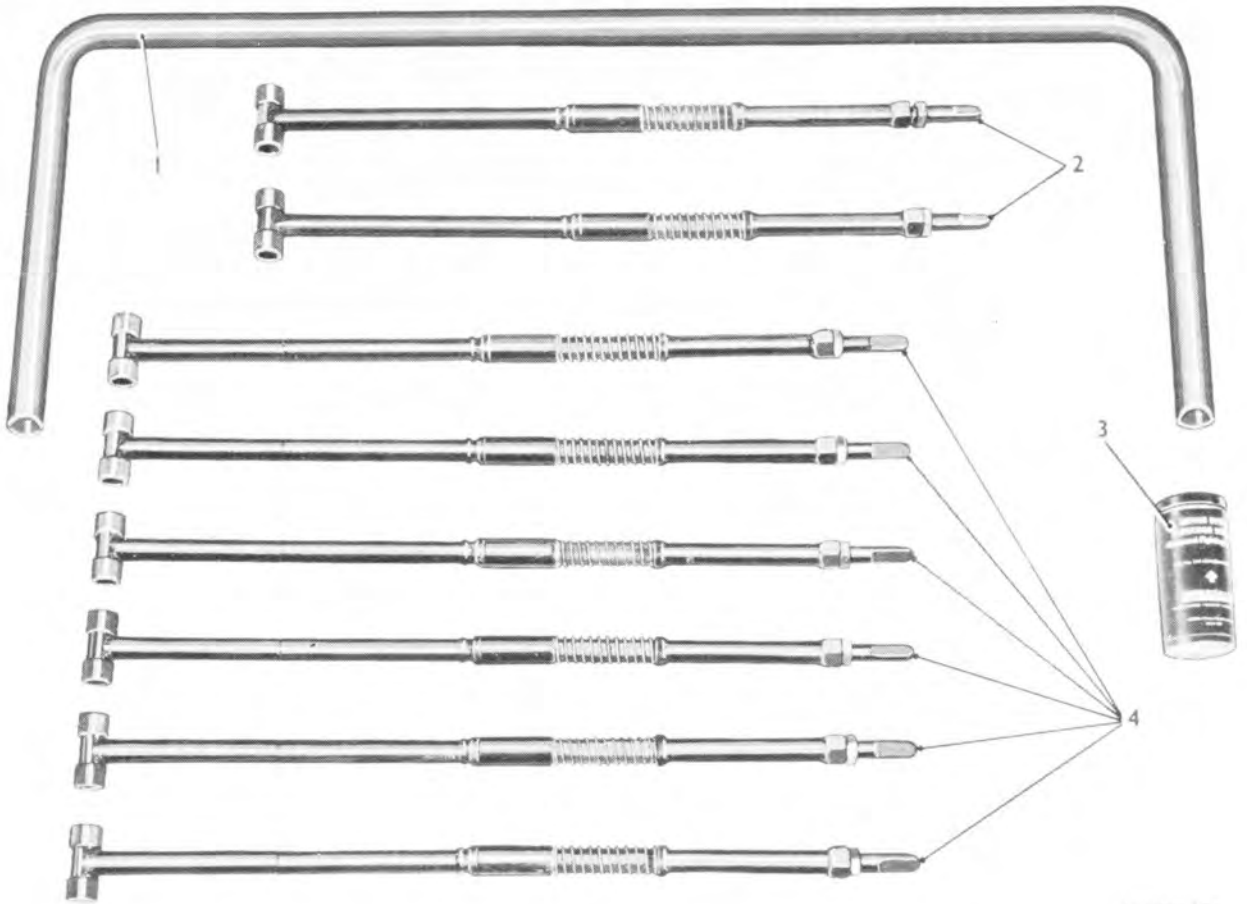
30. The convoy light is located below the registration plate light. Two types of convoy lights are fitted, one similar to the registration plate light, para 28, the other, convoy light No.2, Mk 2. The convoy light No.2, Mk 2 is secured to the hull by a stem and nut. The light is a two piece assembly consisting of a body with a lampholder and fitted with a screwed cap in which is a plain glass window and ruby lens.



- |                 |                 |
|-----------------|-----------------|
| 1 Hub           | 5 Hub           |
| 2 Annulus       | 6 Annulus       |
| 3 Planet pinion | 7 Planet pinion |
| 4 Sun pinion    | 8 Sun pinion    |
- (a) Mk 1 and 2 vehicles reduction gear  
 (b) Mk 3, 4 and 5 vehicles reduction gear
- |                |                        |
|----------------|------------------------|
| A Input drive  | C Output to road wheel |
| B Static parts |                        |

Fig 49 Wheel hubs reduction gear (diagrammatic)

(3) Remove the filler/level plug and washer. Use the O/J spanner on the hexagon of the extension tube to prevent it turning, remove the filler/level plug and washer with the box spanner, (Mk 3, 4 and 5 vehicles).



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|---|--------------------------|---|----------------------|
| 1 | Screen front support bar | 3 | Screen repair outfit |
| 2 | Screen struts (short)    | 4 | Screen struts (long) |

Layout No.7