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|--|-------------------------------|
| 1 Gearbox | 5 Fuel filter |
| 2 Propeller shaft - gearbox to transfer box | 6 Handbrake cable |
| 3 Propeller shaft - transfer box to front axle | 7 Brake fluid pipe |
| 4 Transfer box | 8 Rear axle |
| | 9 Cable junction block - rear |
| | 10 Exhaust silencer |

Fig 3 Interior view of vehicle with floor plates removed

Sect.1 - Description

31. Three aerial mounting brackets are provided on the upper sides of the hull, two on the left-hand side and one on the right.

32. The driver's seat can be adjusted for height and in a forward or rearward direction. The passenger's seat is fixed but it is hinged to give access to the batteries beneath. The backrests of both seats are hinged.

IGNITION EQUIPMENT

33. The 24V coil ignition system is waterproofed and tropicalized. Interference to radio equipment is prevented by screening and filtering, see para 237.

34. The equipment comprises a distributor, ignition coil, filter unit, junction box (incorporating ballast resistor) and six sparking plugs. These items are connected by cables contained in waterproof flexible conduits constructed of rubber tubing, screened and protected by tightly fitting copper or phosphor bronze braiding. Originally the conduits were of metallic brass tube of interlock section covered with closely woven copper braid and waterproofed by synthetic rubber sleeves.

35. Alternative marks of distributor and/or coil may be fitted - See Data.

36. The circuit is controlled by the ignition switch on the driver's switchboard as shown on Fig 7, 8, 9 and 10.

DISTRIBUTOR, 6 CYLINDER, No.1, MK 2 or 2/1

37. The distributor rotates in a clockwise direction as viewed from the top. The distributor securing holes are elongated to facilitate ignition timing.

38. Incorporated in the distributor is a centrifugal advance mechanism and a rotor arm with a centrifugal type speed limiter.

39. The distributor cam has three lobes which operate two contact breakers. One contact breaker is mounted on a movable plate to enable the contacts to be synchronized and the screws securing this plate are sealed with red paint to indicate that they must NOT BE DISTURBED. No.1, Mk 2 distributors were originally fitted with waxoline impregnated cam felts but at a later stage the felts were omitted.

40. Since the distributor is waterproofed, special provision is made for ventilation, air being circulated through the distributor via two pipes connected to the air intake on the carburetter.

- (4) Replace the spring (6).
- (5) Position the felt washer (12) over the cap on the top of the new element and ensure that the gasket cup washer (10), gasket cup (9), gasket (8) and spring cup (7) are positioned in the recess in the bottom of the element.
- (6) Place the element in the bowl, then fill with the approved clean engine oil.
- (7) See that the bowl gasket (13) is positioned in the head recess then replace the bowl ensuring that the element cap engages its recess in the head.
- (8) Replace the closing nut with gasket, press the bowl firmly against its gasket, then tighten the closing nut.
- (9) Start the engine and check for leaks. The tightness of the closing nut should be re-checked when the engine has reached normal operating temperature.

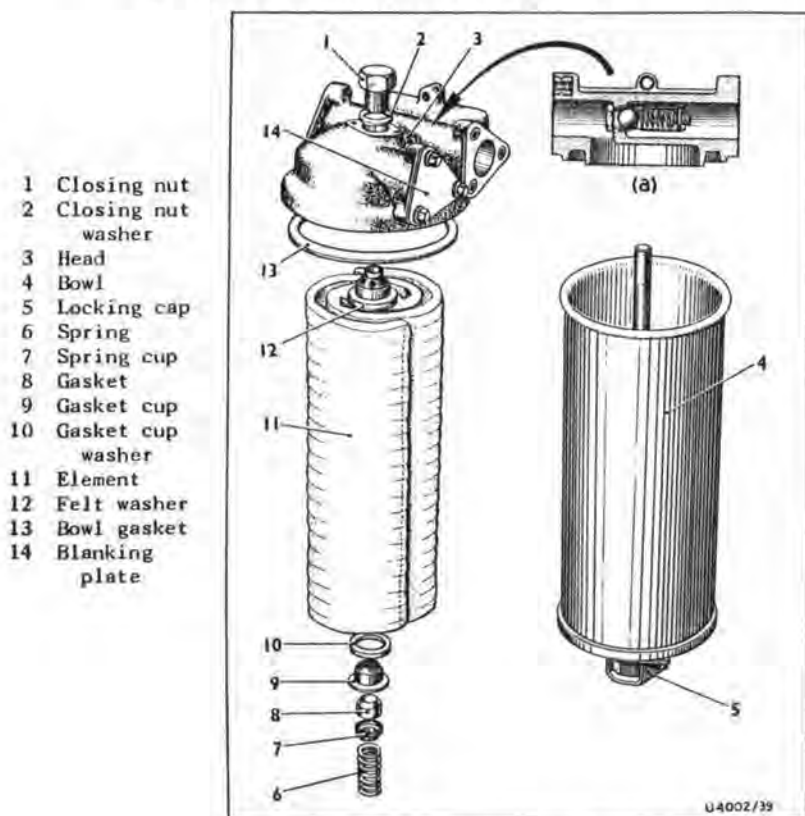
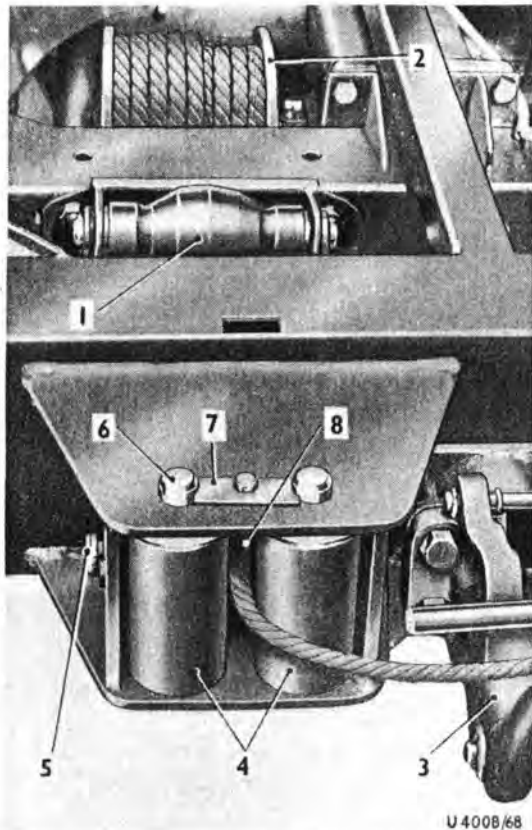


Fig 42 Engine oil filter

out the rope manually. The worm is housed in a floating cage which is located in the winch casing by four Belleville washers at the rear end. If the winch is overloaded when operating, the worm and cage move rearwards against the reaction of the Belleville washers by the screw action of the worm, and the worm shaft operates a cut-out switch which stops the engine. The winch is initially adjusted to operate the cut-out switch when the load is approximately 2 tons. For details of the switch, see para 249.

246. To ensure that the rope is laid evenly on the drum when winding in, the rope passes under a tapered roller (Fig 58(1)) and between two horizontal grooved tension rollers (8) the upper of



- 1 Winch rope tapered guide roller
- 2 Winch drum
- 3 Towing hook
- 4 Winch rope fairlead rollers
- 5 Winch rope tension roller pivot pin
- 6 Fairlead roller pivot pin
- 7 Pivot pin locking plate
- 8 Winch rope tension roller - upper

Fig 58 Winch rope fairlead