



Fig. 5 Exploded view of water pump and fan assembly
(Inset shows early fan unit)

COOLING FAN ASSEMBLY (See Fig. 5)

The cooling fan, which is of a plastic material, is formed with a set number of blades equally spaced around the periphery of a large hub. The fan is attached to a driving member by three bolts which is itself keyed on the end of the water pump drivespindle and secured to this member with a large nut and washer. A plastic cowl surrounds the cooling fan where its prime function is to direct cooling air straight to the fan via several vanes which are moulded integrally around the inner diameter of the cowl. From this point the cooling fan blows air through the radiator in order to maintain the cooling system at a greatly reduced temperature, especially when the vehicle is stationary or during in-town driving.

To remove

Remove the radiator filler cap and drain the coolant by opening both the bottom radiator tap and the cylinder block tap.

Slacken the generator holding bolts and remove the driving belt.

Slacken the nut on the bolt which secures the rubber-shroud retaining-clip surrounding the fan cowl and displace the clip.

Disconnect the battery.

Remove the three generator holding bolts, having first disconnected the cables at the Lucar connections, and detach the generator unit.