REFITTING. Refitting is the reverse of the foregoing procedure.

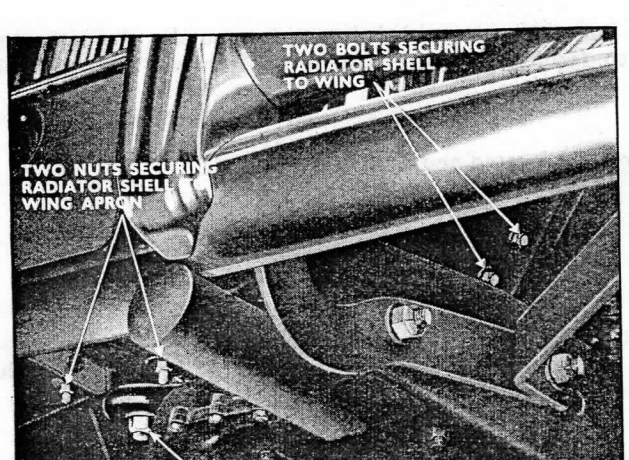

PLATE D.6.
REMOVAL OF RADIATOR SHELL AND BLOCK ASSEMBLY
(Viewed from under)

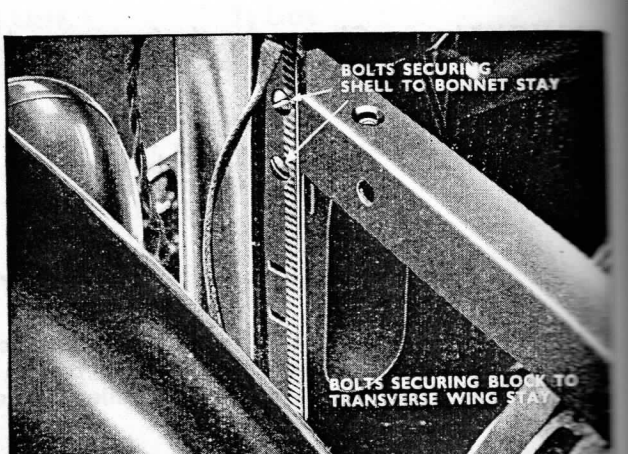

PLATE D.7.
REMOVAL OF RADIATOR SHELL AND BLOCK ASSEMBLY

THERMOSTAT. REMOVE, CHECK AND REFIT

REMOVAL. Drain radiator by opening drain tap at base of block. Remove water temperature gauge bulb from thermostat housing by holding flats of bulb portion and unscrewing union. It is necessary to exercise care not to twist the capillary tube during removal or fracture of the tube may occur. Disconnect hose clips and remove top water hose and by-pass hose from thermostat housing. Remove two bolts securing thermostat housing to water manifold and lift out thermostat. Observe gasket fitted between thermostat housing and water manifold flange.

CHECKING. Thoroughly clean the thermostat and housing and check that the small ball release valve is free. This release valve allows the passage of a limited quantity of water, and air, from one side of the thermostat valve to the other when the thermostat is in the closed position. If the release valve is blocked this may cause trouble due to the building up of pressure and possible loss of water at the overflow pipe. Check the thermostat for correct operation by immersing in a container of cold water, together with a centigrade thermometer. Heat the water and observe if the characteristics of the thermostat are in agreement with the following data.

Part No. C.527. Extreme Cold.
Commences to open 85°C. Fully open 98°C.
Valve Lift $\frac{5}{16}$" (7.9 mm).
Part No. C.527/1. Hot Climates.
Commences to open 65°C. Fully open 75°C
Valve lift $\frac{5}{16}$" (7.9 mm).
Part No. C.527/2. Temperate Climates.
Commences to open 75°C. Fully open 85°C.
Valve Lift $\frac{5}{16}$" (7.9 mm).

If the thermostat is faulty reconditioned assemblies are available on an exchange basis. Thermostat valves and thermostat housings are not serviced separately, replacements being issued with the valve mounted in the housing.