

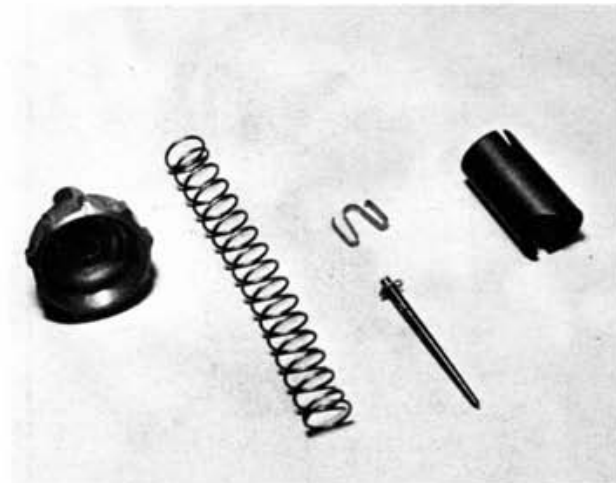
### 7 Carburettor: removal

#### *Engine removed from the frame*

1 If the engine has already been removed from the frame and, on the C90 model, the inlet tube removed, the carburettor will be attached to the control cable, the petrol pipes and to the synthetic rubber intake tube. Release the clip and pull the carburettor out of the rubber tube after the petrol tank has been drained as described in Section 3.

#### *Engine still in the frame*

- 2 If the engine is still in the frame the carburettor is sandwiched between the top of the engine and the main frame tube.
- 3 Drain the petrol tank as described in Section 3.
- 4 Disconnect the wires to the horn at the snap connectors. Release the spring clips at both ends of the rubber intake tube and pull the tube clear.
- 5 Remove the two nuts and washers and pull the carburettor off the engine or the inlet tube.
- 6 Make sure the 'O' ring in the carburettor flange is not lost.



8.2 The dismantled slide assembly

### 8 Carburettor: dismantling (C50 and C70 models)

- 1 At this stage, the carburettor is still attached to the control cable and to remove it completely the carburettor top has to be unscrewed and the slide and needle pulled out.
- 2 Compress the slide return spring and unhook the throttle cable. The slide, the needle with its spring clip, the w-shaped spring, the return spring and the carburettor top will then slide off the cable.
- 3 Remove the three screws holding the float chamber top in position and pull the top clear. Remove the float needle seat from the underside of the float chamber top. Lift the filter chamber, the sealing ring, and the petrol filter out of the float chamber top.
- 4 Lift the float and needle assembly out of the float chamber.
- 5 Remove the throttle stop screw and the slow running air screw from the side of the carburettor, taking care not to lose the small springs.
- 6 Remove the blanking plug, with its 'O' ring, and push out from the throttle slide chamber the needle jet. Remove the adjacent slow running jet.



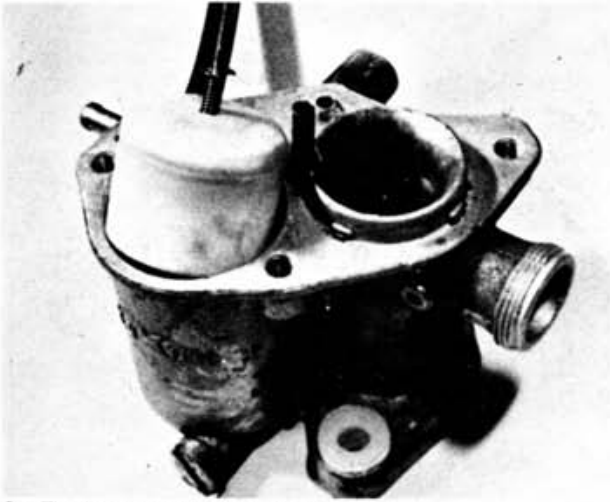
8.3a Remove the screws and the float chamber top ...



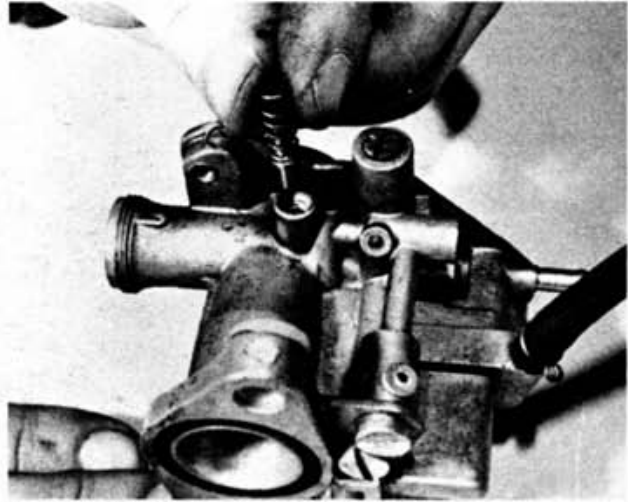
8.3b ... and unscrew the float valve seat ...



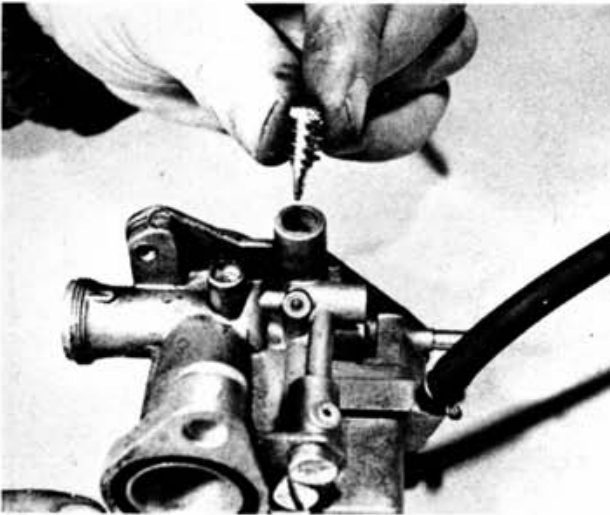
8.3c ... and remove the petrol filter



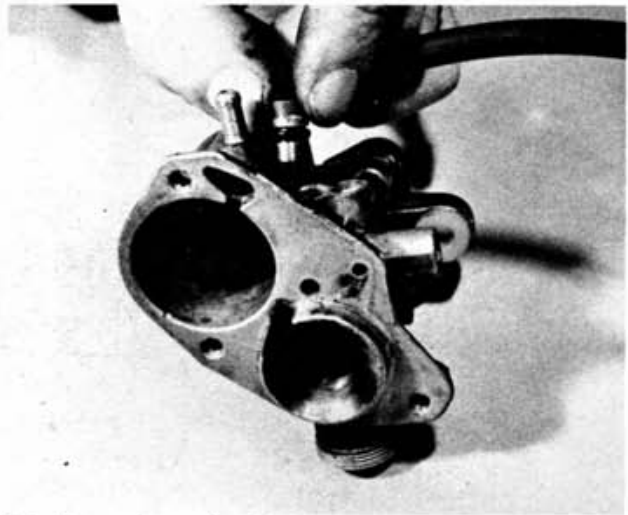
8.4 The float assembly will lift out



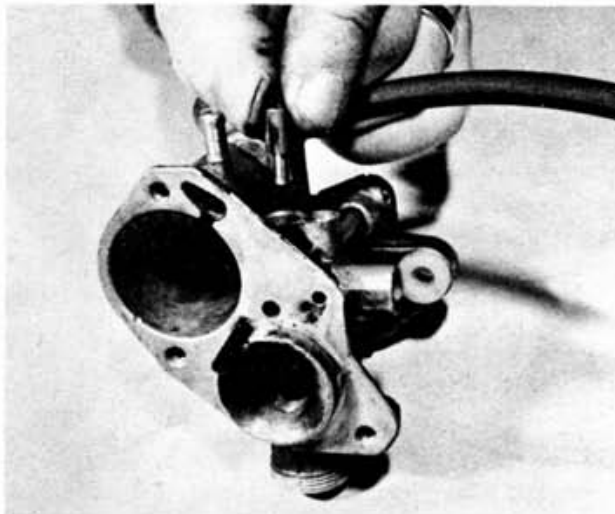
8.5a Remove the throttle stop screw ...



8.5b ... and the slow running mixture screw



8.6a Remove the sealing plug ...



8.6b ... and the needle jet from one hole ...