

### III. Compound Downdraft Carburetor for Model 220 S

The two Solex carburetors Type 32 PAITA used in Model 220 S are the same as the carburetor in Model 190 (see Workshop Manual Model 190), with the following differences:

1. Details of the carburetor jets etc. (see Job No. 07-0, III, Section E).
2. As compared with the carburetor for Model 190 the vent tube for the float chamber which is cast into the carburetor cover is not calibrated by a plug.
3. The bracket for the choke control (137) and the angle lever (142a) for the starter mechanism of the front carburetor differ from those of the rear carburetor and those of the carburetor for Model 190. The starter mechanism of the front carburetor is operated by the angle lever of the rear carburetor via the connecting rod (209) (Fig. 07-3/9).

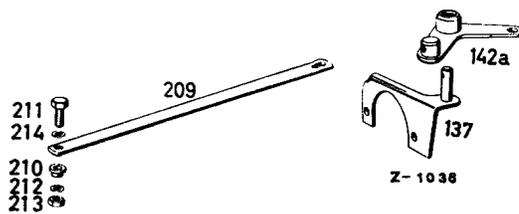


Fig. 07-3/9

- 137 Bracket for choke control on front carburetor
- 142a Angle lever for choke control on front carburetor
- 210 Bushing
- 211 Hexagon screw
- 212 Lock washer
- 213 Hexagon nut
- 214 Washer

4. The height of the carburetor cover measured from the separating surface to the upper edge of the air inlet branch is 33 mm on the carburetor for Model 220 S and 43 mm on the carburetor for Model 190.
5. On cars with a scavenging device for the fuel system the front carburetor is equipped with a fuel return valve and a longer pump arm (see also Job No. 07-0, III, Section D).