

### C. Solex Altitude Corrector

Instead of changing to smaller main jets, models 180 a, 180 b, 180 c, 190, 190 b and 220 S may use Solex altitude correctors, together with the standard main jets. By means of the altitude corrector the engine will receive the correct fuel/air mixture for any altitude or any atmospheric pressure. The altitude corrector is particularly recommended for vehicles which drive frequently both at normal and at high altitudes.

The aneroid compensator built into the altitude corrector controls the fuel supplied to the main jet automatically in dependence of the prevailing atmospheric pressure (Fig. 07-0/59).

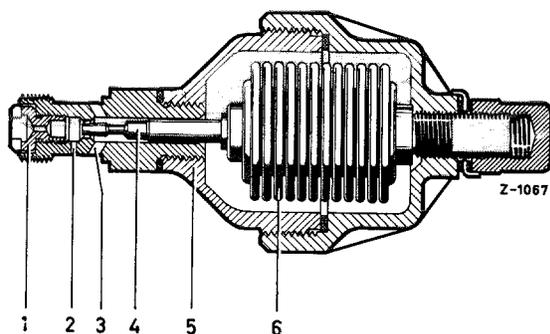


Fig. 07-0/59

- 1 Main jet
- 2 By-pass bore
- 3 Fuel intake bore
- 4 Needle
- 5 Housing
- 6 Capsule pack

There are different altitude correctors for the various models (refer to table).

Model	Altitude Corrector Part No.	By-pass bore mm diameter	Main jet "Gg"
180, 180 a, 180 b	000 072 02 05	1.3	0150
180 c	000 072 04 05		0145
190, 190 b, 220 S	000 072 01 05	1.0	0125

**Note:** a) For compound downdraft carburetors of models 190, 190 b and 220 S the altitude corrector is used only for the main jet of the 1<sup>st</sup> stage.

b) On the double downdraft carburetor of models 219, 220 a, and on the compound cross-draft carburetor of model 190 SL the altitude corrector can not be installed for lack of space.