

SOLEX 40 PII-4 Twin Throat Downdraft Carbureter

General Description

The 1600 S-90 engine in type 356 B cars is equipped with SOLEX 40 PII-4 twin throat downdraft carbureter; the throats measure $1\frac{37}{64}$ in. (40 mm) in diameter. As a result of the low mounting of the carbureters it was possible to omit chokes or similar starting aids.

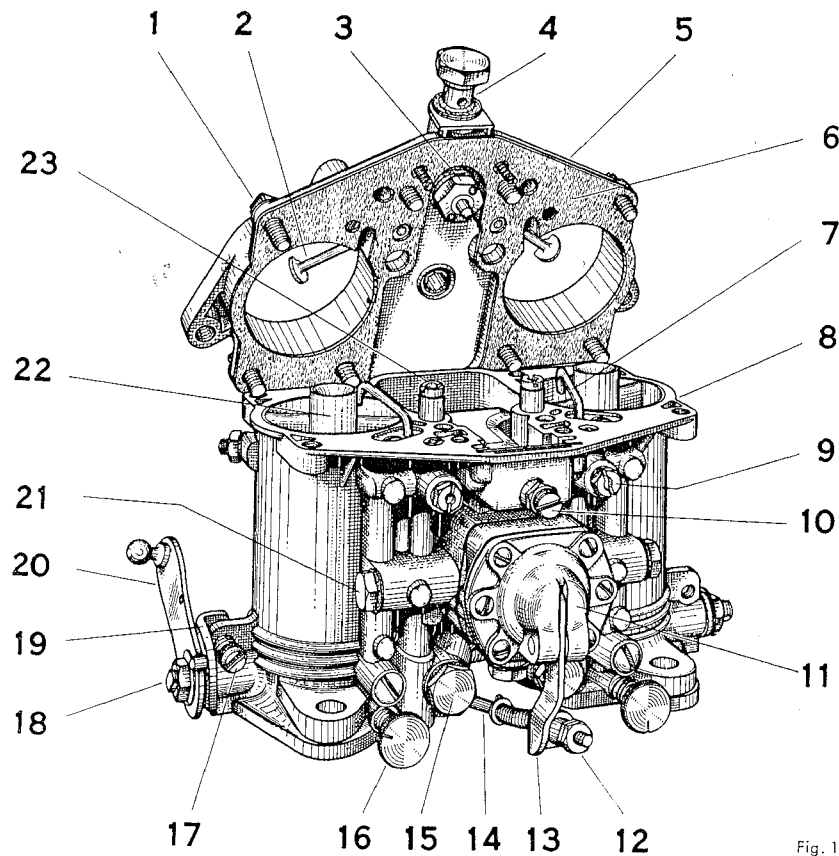


Fig. 1

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|---------------------------------------|-----------------------------|
| ① Float chamber cover retaining screw | ⑬ Accelerating pump lever |
| ② Power enrichment nozzle | ⑭ Accelerating pump rod |
| ③ Float needle valve assembly | ⑮ Main jet carrier with jet |
| ④ Fuel inlet bolt | ⑯ Idle mixture adjustment |
| ⑤ Float chamber cover | ⑰ Idle speed adjustment |
| ⑥ Float chamber gasket | ⑱ Throttle shaft |
| ⑦ Accelerating pump nozzle | ⑲ Thrust block |
| ⑧ Carburetor body | ⑳ Throttle arm |
| ⑨ Idle jet | ㉑ Accelerating pump jet |
| ⑩ Float level adjustment | ㉒ Primary venturi |
| ⑪ Accelerating pump | ㉓ Air correction jet |
| ⑫ Accelerating pump adjustment | |