

Section E9

Crankcase breather system**Introduction**

Crankcase emissions are controlled by a recirculatory closed breather system.

SU HIF7 Carburetters

An insulated draught tube connects the crankcase via the oil filler (fitted with a sealed cap), to the choke housing upstream of both the choke butterfly and the carburetters.

Solex 4A1 Carburetter

An engine breather tube connects the oil filler housing on 'B' bank cylinder head with the underside of the air intake cleaner assembly.

Cars destined for Australia, Japan and North America refer to the appropriate section of Chapter U.

Maintenance**SU HIF7 and Solex 4A1 Carburetters**

A flame trap capsule containing three wire mesh discs is fitted in a housing at the crankcase end of the breather tube.

1. Periodically clean the flame trap fitted to the breather pipe in the following manner.
2. Unscrew the setscrew securing the breather pipe connection to the oil filler pedestal; withdraw the connection from the pedestal (slight resistance

3. Withdraw the connection from the pipe flange.
4. Wash the flame trap assembly in clean fuel, then dry with compressed air. The flame trap assembly consists of either 6 separate gauzes or 3 gauzes crimped together.

SU HIF7 Carburetters

5. To clean the adapter fitted to the choke housing, remove the single setscrew from the breather pipe end connection and detach the pipe.
6. Clean the adapter fitted to the choke housing and ensure that the holes in the adapter are clear.
7. Assemble the flame trap and breather pipe in the reverse order, ensuring that the 'O' rings are in good condition.

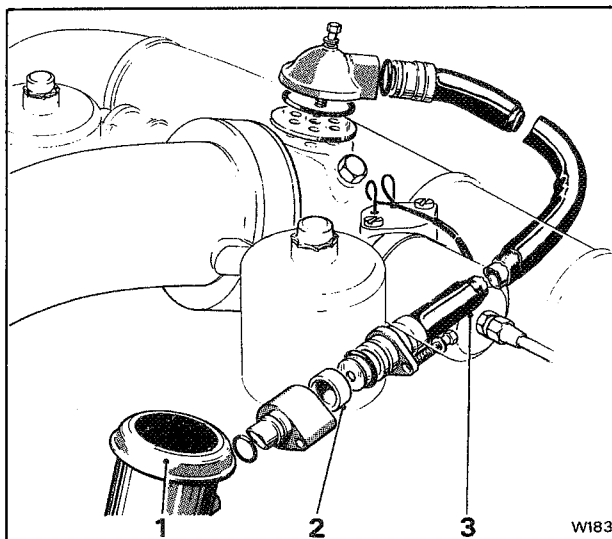


Fig. E41 Crankcase breather pipe

- 1 Oil filler housing
- 2 Flame trap
- 3 Breather tube