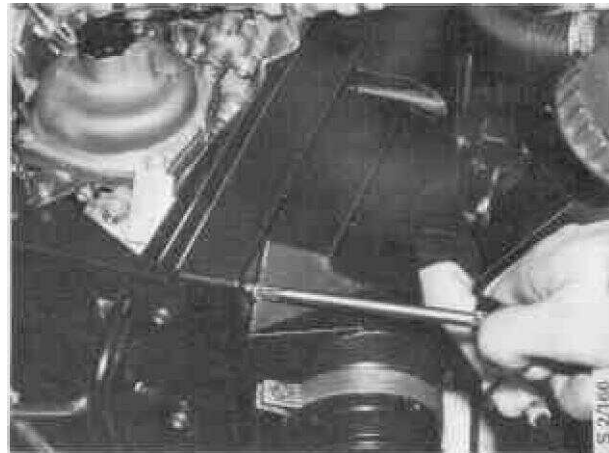
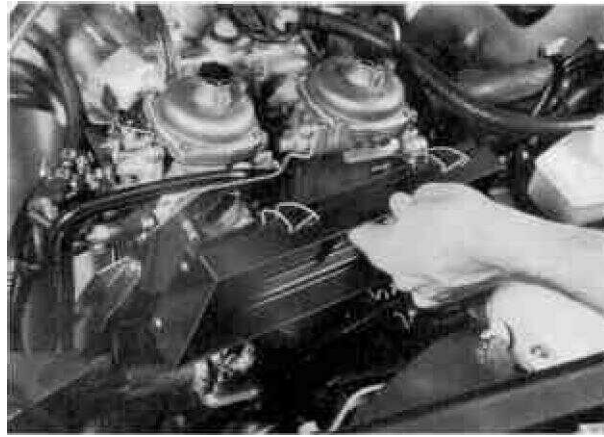


Twin-carburettors (Stromberg)

To remove

- 1 a Up to and incl. 1982 models:
Unclip the four wire clips holding the air box cover, loosen the air cleaner hose clip and remove the cover together with the intake hose.

- b As from 1983 models:
Remove the air box cover retaining screws and the cover on the dipstick tube. Lift up the toggle fastener for the dipstick tube. Slacken the hose clip at the air cleaner and remove the cover complete with intake hose.

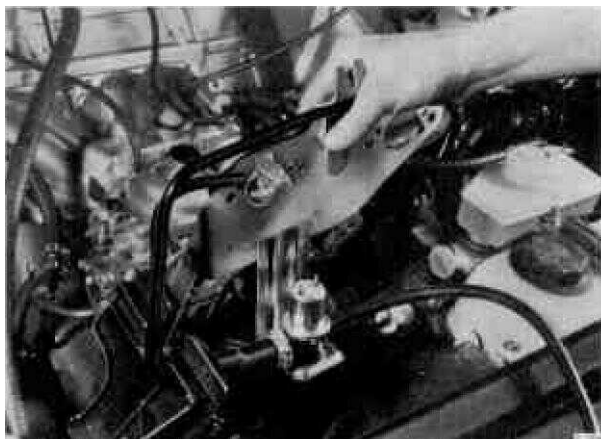


- 2 Disconnect the throttle and choke cables from the carburettors.
- 3 Remove the clips from the choke linkage and remove the linkage from the operating rod.
- 4 Remove the air box retaining screws and remove the box, the throttle cable bracket, the choke lever and the gaskets.



5 a Undo the clips and disconnect the fuel pipe.

b Remove the suction hoses from the carburetors.



6 Remove the carburettor retaining nuts and lift out both carburetors simultaneously.

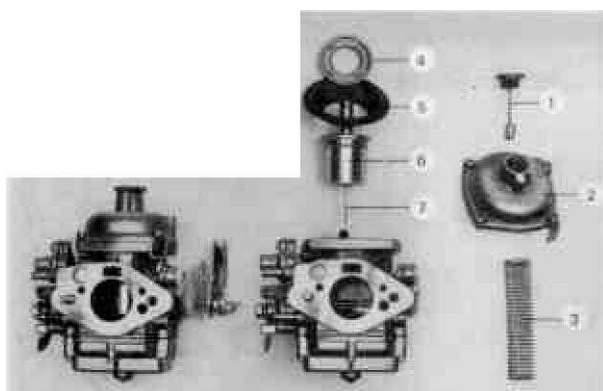


Dismantling

Tools: Needle adjusting tool 83 93 035

1 Remove the vacuum chamber cover (2) and spring (3).

2 Remove the vacuum piston (6) and diaphragm (5).



Carburettor

- 1 Damper and oil cap assembly
- 2 Vacuum chamber cover
- 3 Spring
- 4 Retaining ring
- 5 Diaphragm
- 6 Piston
- 7 Metering needle

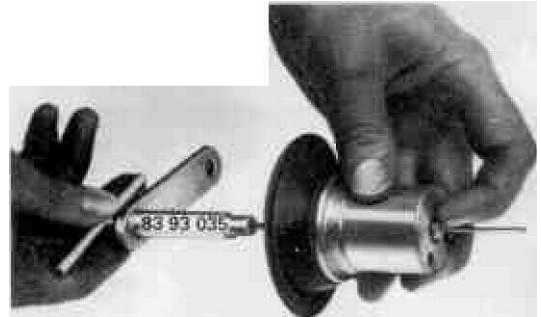
3 Remove the metering needle as follows:

a Back off the setscrew.

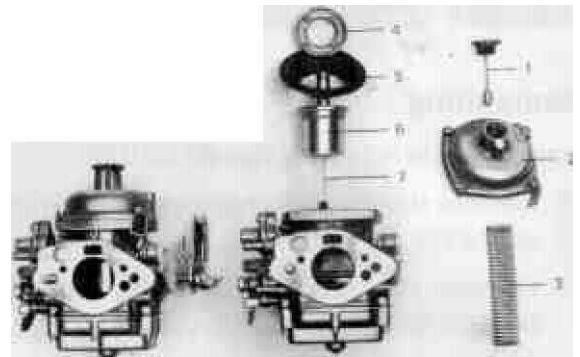


b Turn the adjusting screw inside the damper counter-clockwise using adjusting tool 8393035 until the needle is free.

Back off the setscrew until it is clear of the needle shoulder, then remove the needle.



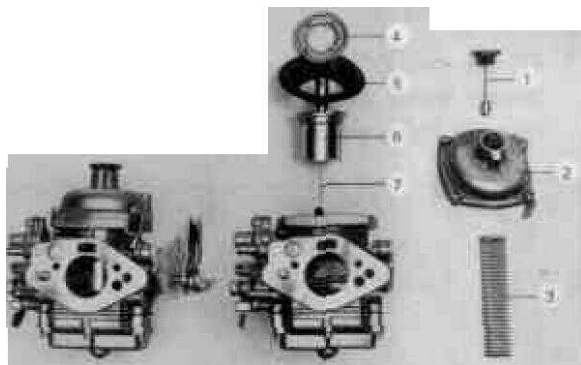
4 Remove the screws, aluminium retaining ring (4) and diaphragm (5).



Exploded view of twin carburettors (A)

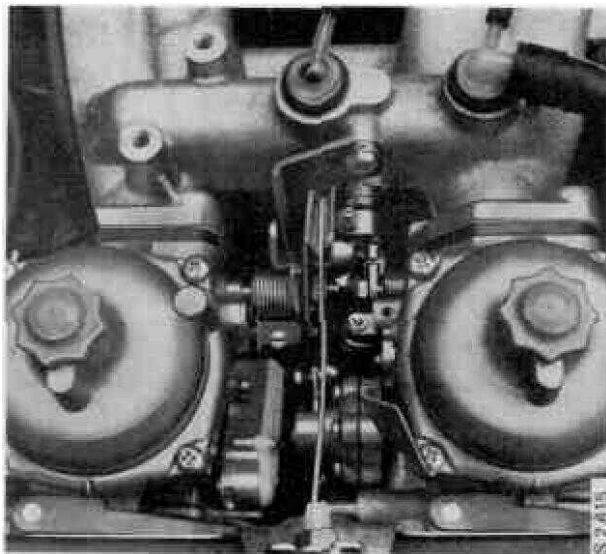
- 1 Damper and oil cap assembly
- 2 Vacuum chamber cover
- 3 Spring
- 4 Retaining ring
- 5 Diaphragm
- 6 Piston
- 7 Metering needle

- 5 Remove the float chamber (9).
- 6 Carefully separate the float spindle from the retaining clips and remove the float (8).
- 7 Remove the float valve and washer.
- 8 Remove the cold start mechanism (10).
- 9 Remove the temperature compensator (11). Save both rubber gaskets (12).



Exploded view of twin carburettors (B)

- 8 Float
- 9 Float chamber
- 10 Cold start mechanism
- 11 Temperature compensator
- 12 Rubber seals
- 13 Idling speed adjusting screw



Idling adjustment screw Europe specification as from year model 1984

Cleaning and **assembly**

The procedure for cleaning and assembly of the carburettors is the same as for the single carburettor (see page 231-3)

To refit

- 1 Fit the two gaskets with the insulation between them to each of the inlet manifold flanges (as shown).
- 2 Mount the two carburettors simultaneously and secure by means of the nuts and washers. Ensure that the spring which keeps the rear carburettor arm and adjusting screw in contact with the arm of the front carburettor is fitted.
- 3 a Connect the fuel line and fit the clips.
b Connect the vacuum hose.
- 4 Fit the gaskets, bracket, air box and flange washers to the carburettors.
- 5 Fit the choke links to the connecting rods and fit the clips.
- 6 Connect the throttle and choke cables.

