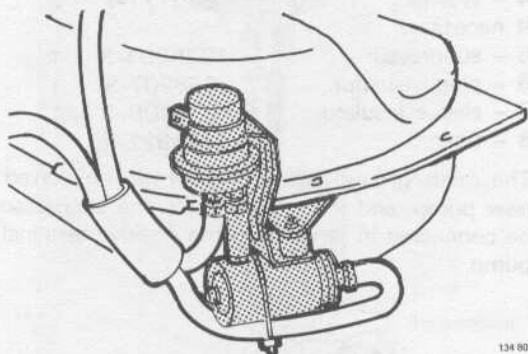


FUEL PUMP WITH NON-RETURN (CHECK) VALVE. FUEL ACCUMULATOR

Operations E11-18

1975-1977

E11



134 902

Location of fuel pump and fuel accumulator, 1975-1977

Fault symptoms

Fuel pump: a faulty fuel pump will cause low line pressure. The following symptoms may arise:

- engine difficult to start or does not start
- engine misfires during driving, under heavy load
- poor acceleration
- engine starts but stops immediately
- poor engine performance
- pump noise. **Note!** May also be due to a defective tank pump or vapour locks in the fuel system.

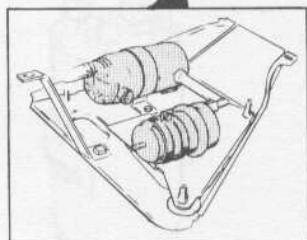
Fuel pump non-return valve, fuel accumulator: if these components are defective, the rest pressure will be below the specified value.

Symptoms:

- difficult to start warm engine.

1978 -

E12



134 903

Location of fuel pump and fuel accumulator, 1978-

Inspection

Fuel pump

Record the pressure. Carry out the following operations B1, 7, 14-16.

Fuel pump non-return valve/fuel accumulator

Measure the rest pressure. Carry out the following operations B1, 7, 14-16, 22-23.

Replacement

Fuel pump: never fit an old non-return valve to a new pump (a new non-return valve and seal is included with the new pump).

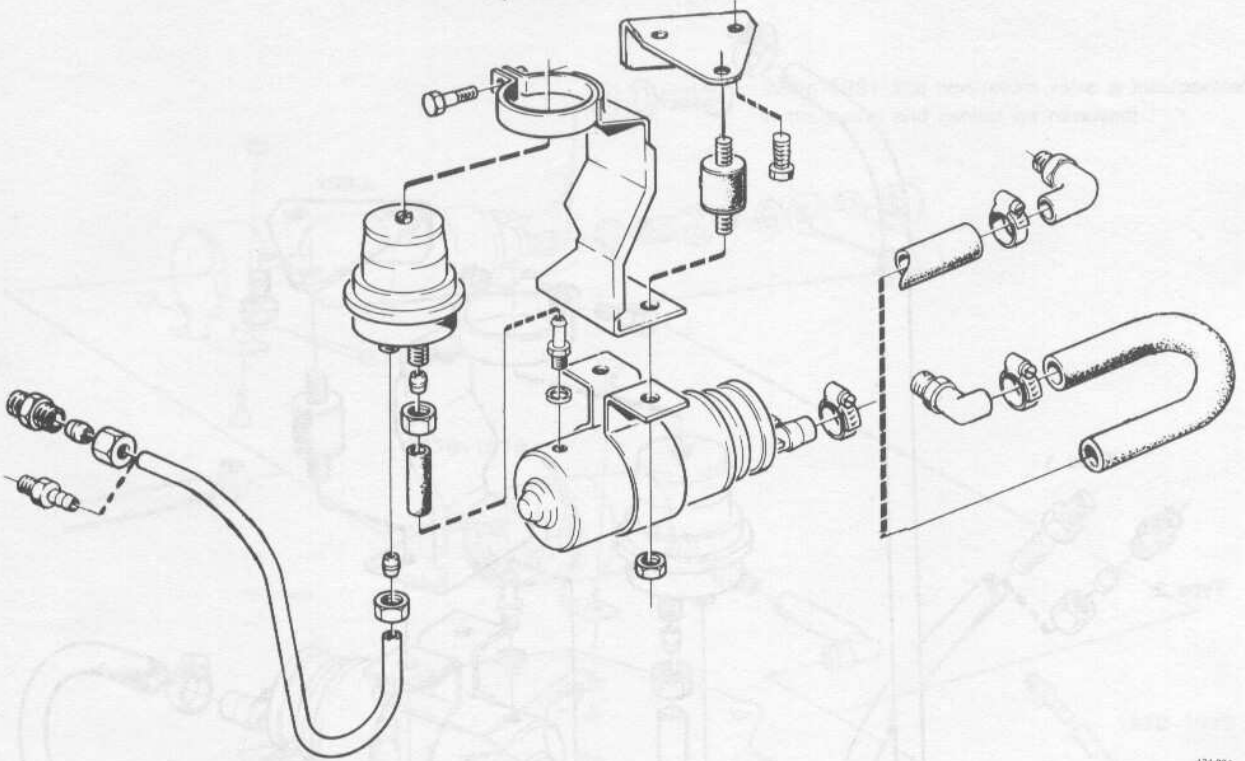
On replacing the pump, check that all pressures are correct, check also the idle speed and CO content.

Fuel pump non-return valve or fuel accumulator: check the rest pressure after replacement.

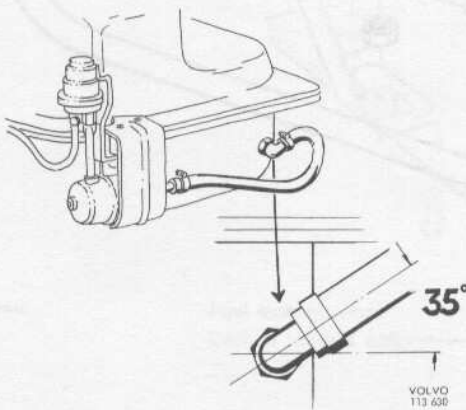
E13

Fuel pump, fuel accumulator 1975–1977 without tank pump

Operations E14–15



134 804

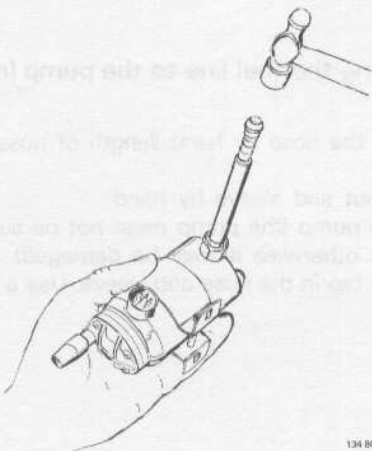


E14

Fuel hose, tank-pump

Only type 2 hoses are stocked.

When fitting the hose, tighten the nipple to 70 Nm (52 ft.lb.) Then turn until the nipple points 35° backwards and upwards.



E15

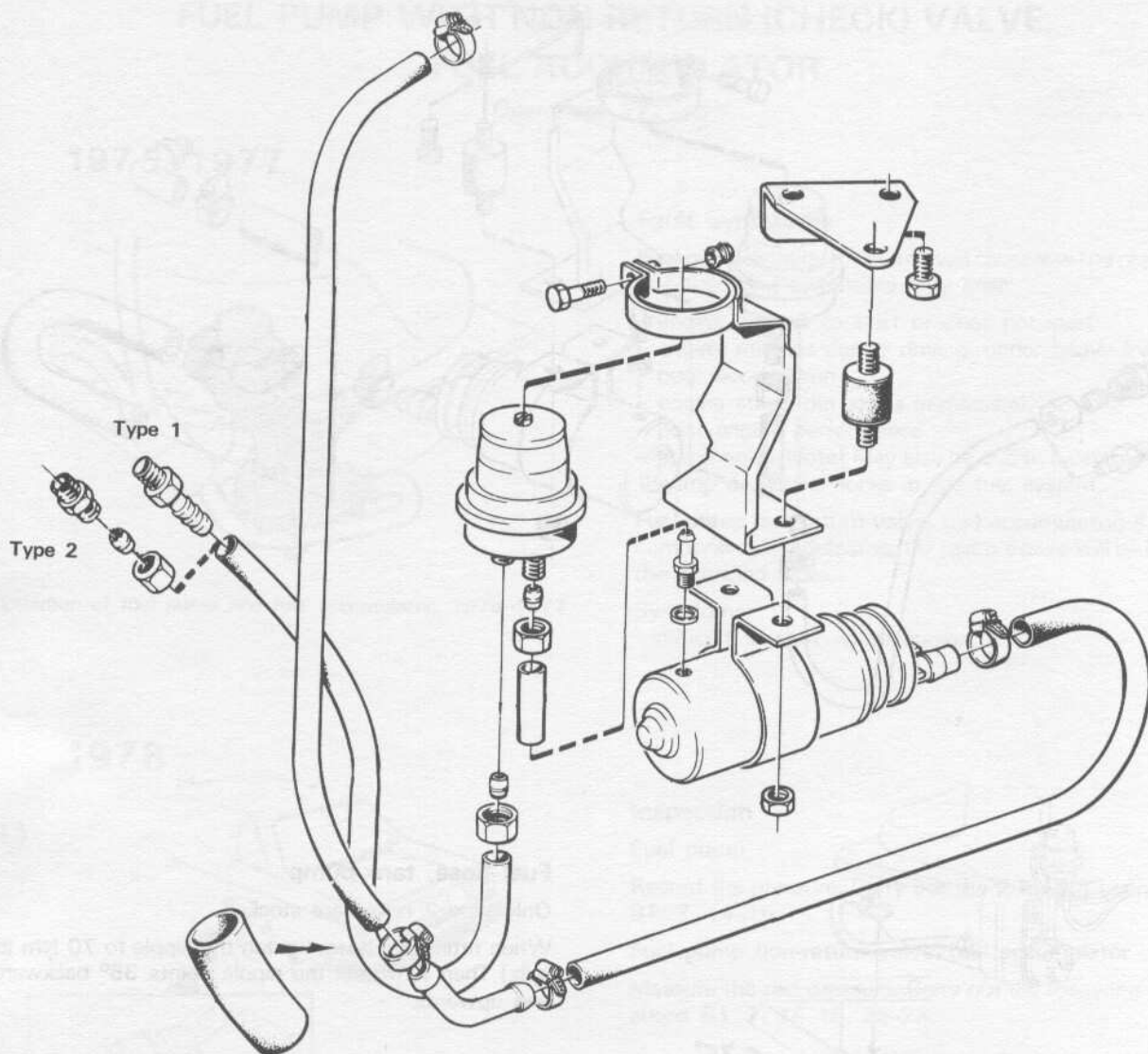
Connecting the fuel line to the pump (non return valve)

- connect the hose by hand (length of hose 45 mm = 1.75 in)
- fit the nut and sleeve by hand
- hold the pump (the pump must not be supported on a bench otherwise it may be damaged)
- carefully tap in the hose and sleeve. Use a clean hammer.

134 805

Fuel pump, fuel accumulator 1975–1977 with tank pump

Operation E16

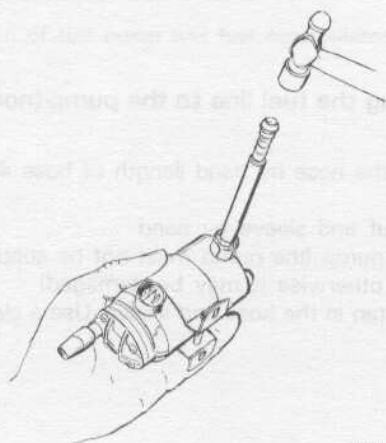


134 806

E16

Connecting the fuel line to the pump (non-return valve)

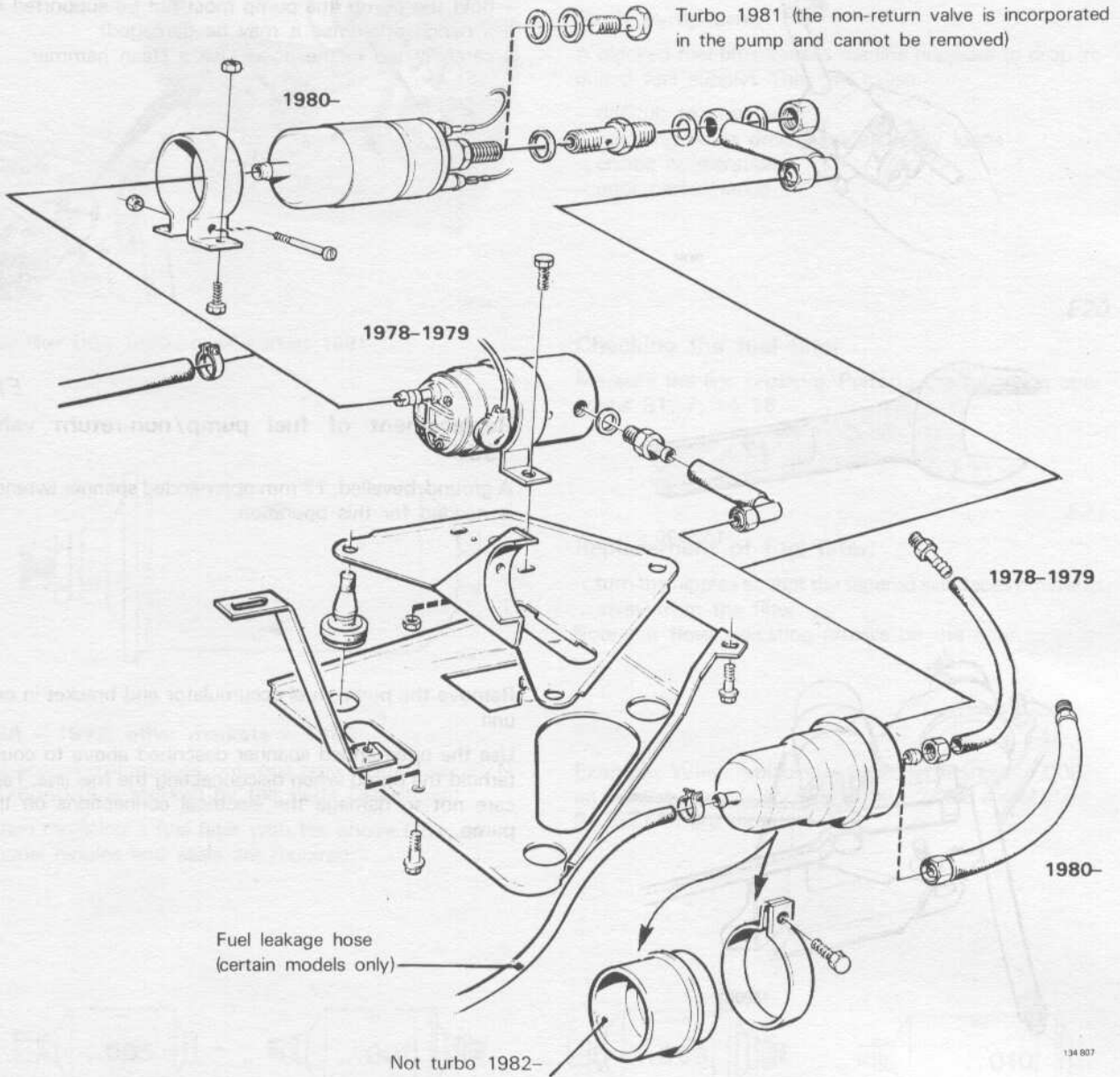
- connect the hose by hand (length of hose 45 mm = 1.75 in)
- fit the nut and sleeve by hand
- hold the pump (the pump must not be supported on a bench otherwise it may be damaged)
- carefully tap in the hose and sleeve. Use a clean hammer.



134 806

Fuel pump, fuel accumulator 1978-

Operations E17-18



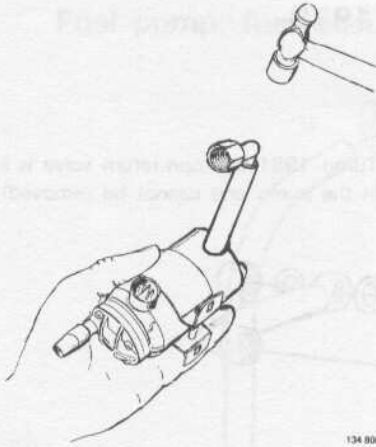
For hose installation/replacement of non-return valve, see over leaf.

134 807

E17

Connecting the fuel line to the pump (non-return valve) 1978–1979:

- connect the hose by hand
- hold the pump (the pump must not be supported on a bench otherwise it may be damaged)
- carefully tap in the hose. Use a clean hammer.

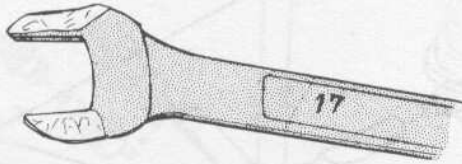


134 808

E18

Replacement of fuel pump/non-return valve 1980–

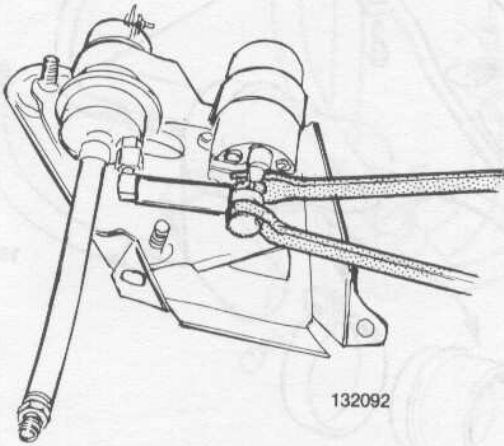
A ground, bevelled, 17 mm open-ended spanner (wrench) is needed for this operation.



132090

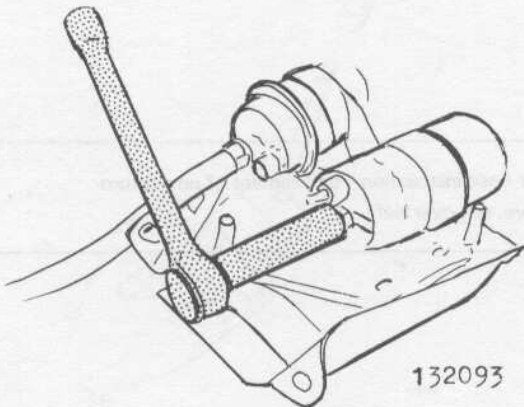
Remove the pump, fuel accumulator and bracket in one unit.

Use the open-ended spanner described above to counterhold the pump when disconnecting the fuel line. Take care not to damage the electrical connections on the pump.



132092

Use a long 17 mm socket spanner (wrench) to remove/install the non-return valve.



132093