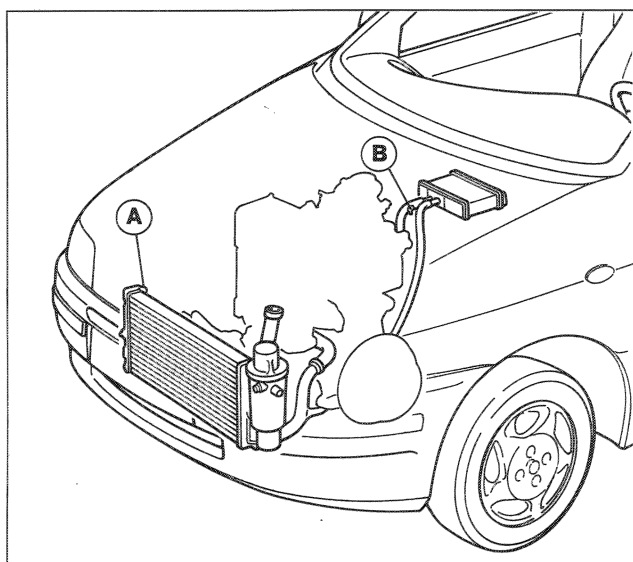


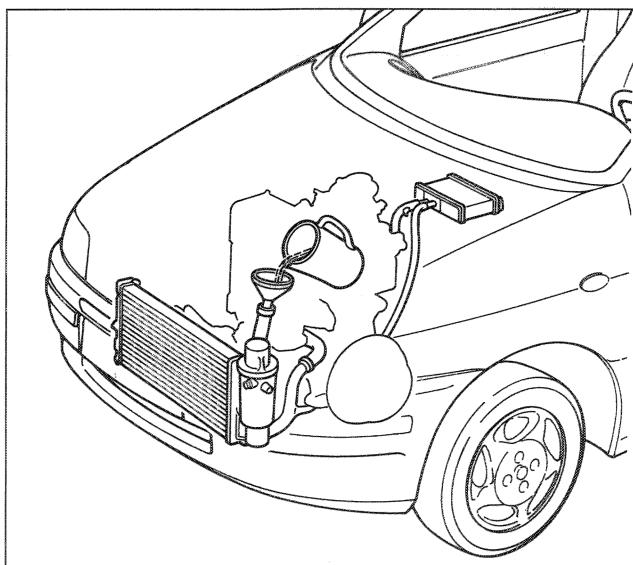
# PUNTO eMANUAL

Engines

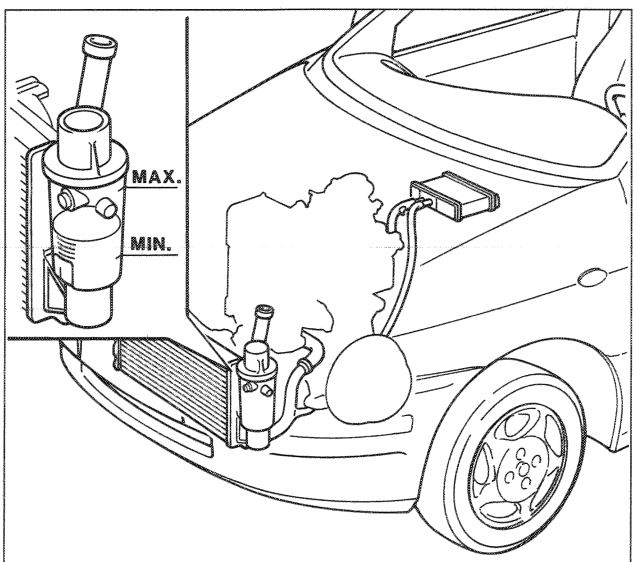
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P3M013K01



P3M013K02



P3M013K03

## PROCEDURE FOR FILLING COOLING SYSTEM

- Ensure that cooling system is completely empty;
- open bleed valves, whose position for the various engines and versions is given in the table below:

	1108 SPI	1242 SPI	1242 MPI	1372 turbo	1697 TD
Versions with heater	A-B	A-B	A-B	A	B
Versions with air conditioner		B	B		A-B

A. Bleed valve on radiator

B. Bleed valve on heating sleeve

- fill system by carefully pouring in coolant (50% Parafliù and 50% water) until liquid emerges from the radiator bleed valve;
- close bleed valve.

*Versions 1100 SPI, 1242 SPI, 1242 MPI with heater and 1372 with air conditioning*

**NOTE** Level in expansion tank will be higher than point marked MAX.

### Other engines and versions

- Carry on filling system to reach notch marked MIN;
- Start up engine, leave to idle for 2-3 minutes, then pump the accelerator pedal every 30 seconds until 3/4 maximum power is achieved and radiator cooling fan has come on once;
- keep radiator at minimum speed for at least 5 minutes;
- stop engine;

**NOTE** Coolant level must be between MAX and MIN notches on expansion tank.

- if necessary, top up to the required level. Perform this operation after leaving the engine to cool so that coolant temperature does not exceed 25 °C.