



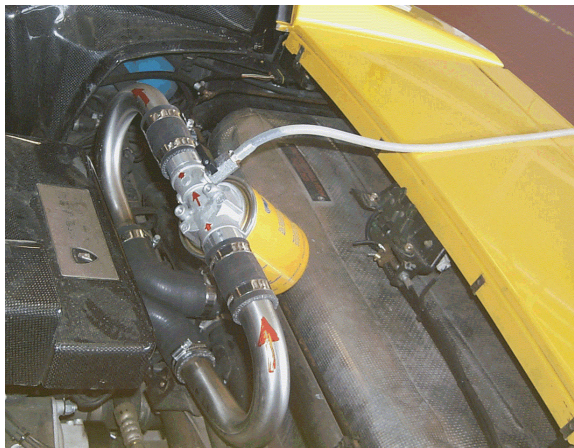
Quality control and procedure L147.A-02.02
Operation: cleaning of the water cooling system

- 1.1** Remove the rear cover (P/N 00680101134) placed in the engine compartment.
 - 1.2** When the engine is cold disassemble the sleeve (P/N 0017010053) connecting the water thermostat body to the radiator and fit the special tool kitted with a 30µm filter (picture nr.1 and 2) and restore the water level in the expansion tank.
- Warning: these operations will cause a large quantity of coolant flow out from the car, be prepared to void any contamination

Picture nr.1

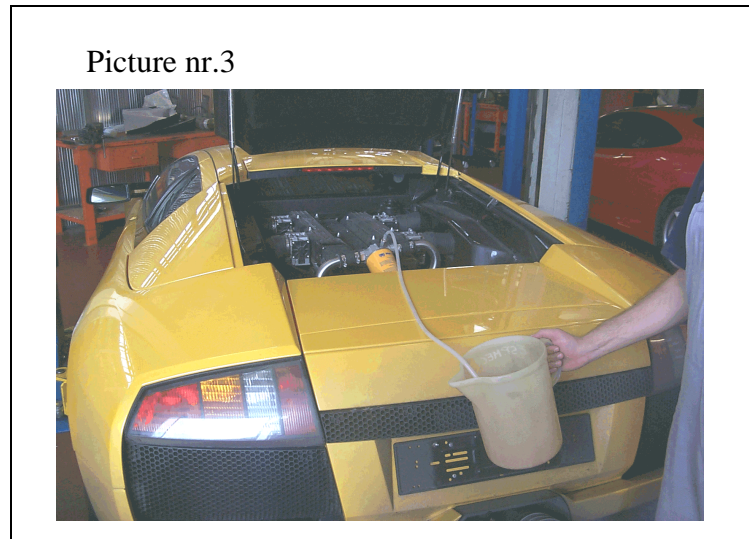


Picture nr.2





- 1.3** Connect a commercial rubber pipe to the tap of the tool (picture nr 2), we suggest you to put the pipe inside a bucket as showed in picture nr.3.



- 1.4** Turn the engine on and bleed the air in the cooling system by the tap placed on the tool.
- 1.5** At the temperature of 80 °C, keep the engine running at 2000 rpm for 20 minutes with the air conditioner set at the maximum fan speed and temperature (on the display must appear the word HI). During this time verify the absence of any leakages and check the coolant temperature to void any possible overheating.
- 1.6** In case of coolant leakages from the water pump, replace it.
- 1.7** Check the filter in case of an excessive rise in temperature. If it is clogged you must replace it. Turn the engine off and check the filter condition when the engine is completely cooled down.
- 1.8** Remove the tool restoring the original configuration following the procedure reported in the workshop manual at the page 24/76 chapter nr 10.
- 1.9** Only in case of water pump replacement, return the engine on and warm it up to the temperature of 90 °C for 15 minutes checking the absence of any leakages.