

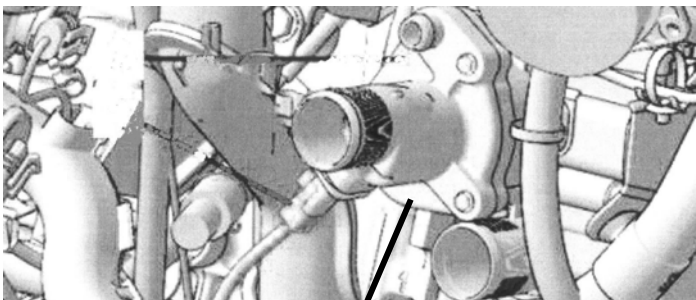


Peugeot 407 With 2.0 HDI engine (DW10BTED4)

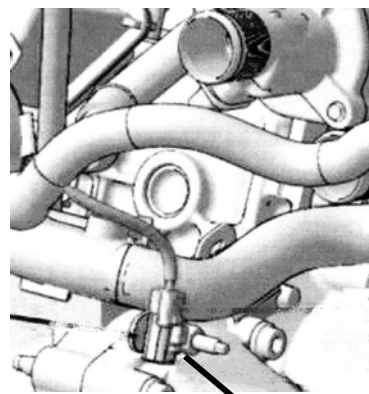
Vehicle cannot be started up, battery discharged.

If there are complaints with these vehicles that the battery is discharged, one possible cause is a short-circuit in the plug of the engine control unit. This is caused by a leak at the coolant filler neck which has the temperature sensor screwed into it. Coolant enters the wiring harness on account of the leak between the coolant filler neck and the temperature sensor. By capillary action, the coolant reaches the plug at the engine control unit and causes corrosion there. This particularly affects pins E1 and F1 which leads to permanent activation of the pre-heating control unit and battery discharge. To eliminate the fault, the coolant filler neck must be replaced and the temperature sensor plug disconnected. The plug is attached to the retaining shackle on the coolant hose using a blind plug.

The plug on the engine control unit has to be cleaned. If oxidation is so advanced that cleaning is no longer possible, the complete wiring harness has to be replaced.



Coolant filler neck



Fastening shackle