



## **Ford Cougar Model Year 2000 With 2.5ltr. Duratec engine**

### **Warning light for coolant temperature display lights up while driving.**

When drivers of this vehicle complain that the warning light for the coolant temperature lights up during driving at normal operating temperature, possible causes could be the level of coolant being too low, a defective level sensor or float in the coolant recovery bottle. Normally, the warning light should go off 5 seconds after the ignition has been switched on or the engine started up. To rectify the problem, consider the following steps:

1. Check the coolant level with the engine cold, fill up if necessary, switch the ignition on. If the warning light does not go out after 5 seconds, continue with the next step.
2. Remove the plug of the level sensor in the coolant recovery bottle and bridge the connections, switch the ignition on. If the warning light is still permanently lit, check the voltage supply at the plug (white/green wire). If the warning lamp goes out after 5 seconds, continue with the next step.
3. Remove the coolant recovery bottle (2 screws). Dismantle the level sensor by turning it anti-clockwise.
4. Measure the resistance at the electrical sensor connections. If the resistance value is below 100 Ohm, replace the sensor. If the value is above 100 Ohm, scan the sensor using a magnet (photo) and observe the measuring device. If the value falls below 100 Ohm at any point, the sensor is OK. Refit the sensor and continue with the next step.
5. If the resistance value in the installed state is still

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under 100 Ohm, this is caused by the float sticking in the recovery bottle. The float cannot be replaced as an individual part. In this case the complete recovery bottle has to be replaced.

