

[motoman19](#)
Contributor



Posts: 53
Registered: 03-07-2012

Re: P0217 - Engine Coolant Over Temperature Condition [New]

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a week ago

Hey there great post. I would like to add to it though. We have just fixed a unit in the shop here that had the thermostat installed upside down. (See Photo) The unit exhibited the same symptoms as heat soaking. The machine would never outright overheat unless the key was turned off and the circulation stopped. Then it would throw an overheat code. We were looking at the service manual and found that in the photo on page 83 it shows the proper orientation. The photo that I have attached shows how our machine had the thermostat installed. You will notice it is upside down.

The reason we finally found this is because the retaining clip that holds the thermostat does not fit past the hose clamp if the unit is upside down. In the correct position there is extra length to the tube that allows the retainer to hold it.

As soon as we turned the thermostat the correct way and bled the system there were no further symptoms of heat soaking. This is not to say heat soaking does not occur but you will certainly want to check any problem units for the thermostat being installed properly. Hope this helps.

Attachments:

 P6070004.JPG 1089 KB

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BRP Service Dept - N/A



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Wednesday

Very good point [motoman19](#). I will add this point to possible causes in the TST for the code.
