



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Issue involves overheating, running hot, coolant leaks and related symptoms after a Mopar replacement engine has been installed in the vehicle.

Discussion: All Mopar service replacement engines (new and remanufactured) are equipped with heat tabs. The heat tabs can be found on the back of heads in a core cup plug.

- If heat tabs are white, then the engine has not been over heated.
- If the heat tabs are pink, the engine coolant temp has reached 255°F.
- If the heat tabs are red, the engine coolant temp has exceeded 255°F. This will cause the heads to warp and leak coolant.

Examples of heat tabs are below.



Normal White Sensor



Overheated Pink Sensor
255°F Coolant Temp



Overheated Red Sensor
+255°F Coolant Temp

The cause of the overheat condition must be identified before proceeding. See Warranty Operations Newsletter Vol. 6 Issue 4 article titled “New Heat Tabs on Engines and Intake Manifold Replacement Guidelines” for more information.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found