Preliminary Information

PIP5212A Concern Of An Engine Thermostat Tick Noise And/Or Running Hot

Models

Brand:	Model:	Model Years:	VIN: from	VIN: to	Engine:	Transmissions:
Cadillac	CTS-V	2016 - 2018	All	All	6.2L LT4	All
Cadillac	Escalade	2015 - 2018	All	All	6.2L L86	All
Chevrolet	Camaro	2016 - 2018	All	All	6.2L LT1 LT4	All
Chevrolet	Corvette	2014 - 2018	All	All	6.2L LT1 LT4	All
Chevrolet	Silverado	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Suburban	2015 - 2018	All	All	5.3L L83	All
Chevrolet	Tahoe	2015 - 2018	All	All	5.3L L83	All
GMC	Sierra	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Yukon Modules	2015 - 2018	All	All	5.3L L83 6.2L L86	All

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.
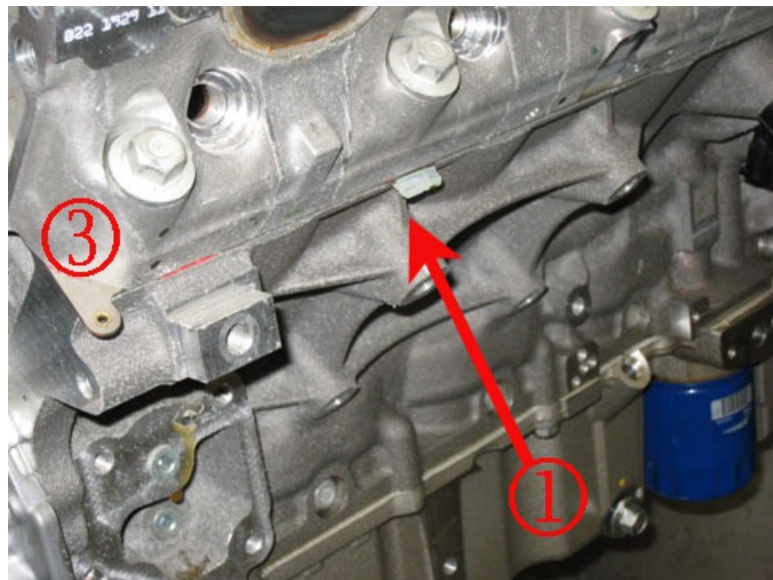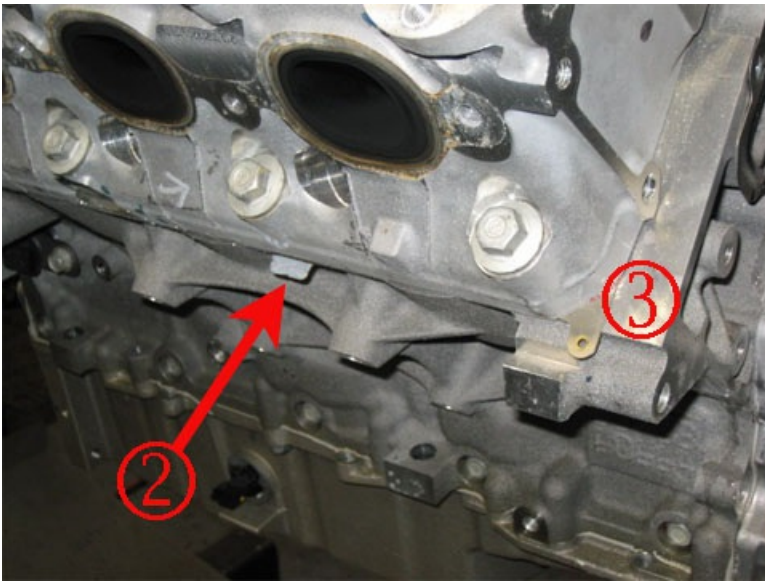
Condition / Concern

A vehicle may have a concern of the engine running hot and/or has a tick noise from the thermostat.

Recommendations / Instructions

Inspect the position of the head gasket locating tabs, to determine if the head gasket(s) has been possibly installed backwards.

Per the attached pictures, the head gasket locating tabs for both of the engine cylinder banks should be toward the front of the engine.

1. Bank 1 tab near cylinder 3

2. Bank 2 tab near cylinder 4

3. Is the front of the engine

If the head gasket locating tabs are found to be closer to cylinders 5 or 6, this indicates the head gaskets were installed incorrectly restricting the engine coolant flow.

Replace the head gasket to repair for this concern.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.
Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.