



Preliminary Information

PIP5212D Concern Of An Engine Thermostat Tick Noise And/Or Running Hot

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CTS-V	2016 - 2019	All	All	6.2L LT4	All
Cadillac	Escalade	2015 - 2020	All	All	6.2L L86	All
Cadillac	Escalade	2021 - 2022	All	All	6.2L L87	All
Chevrolet	Camaro	2016 - 2022	All	All	6.2L LT1 LT4	All
Chevrolet	Corvette	2014 - 2019	All	All	6.2L LT1 LT4 LT5	All
Chevrolet	Corvette	2020 - 2022	All	All	6.2L LT2	All
Chevrolet	Silverado LD	2014 - 2019	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Silverado (New Model)	2019 - 2022	All	All	5.3L L82 L84 6.2L L87	All
Chevrolet	Suburban	2015 - 2020	All	All	5.3L L83	All
Chevrolet	Suburban	2021 - 2022	All	All	5.3L L84 6.2L L87	All
Chevrolet	Tahoe	2015 - 2020	All	All	5.3L L83	All
Chevrolet	Tahoe	2021 - 2022	All	All	5.3L L84 6.2L L87	All
GMC	Sierra Limited	2014 - 2019	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Sierra (New Model)	2019 - 2022	All	All	5.3L L82 L84 6.2L L87	All
GMC	Yukon Models	2015 - 2019	All	All	5.3L L83 6.2L L86	All
GMC	Yukon Models	2021 - 2022	All	All	5.3L L84 6.2L L84	All

Supersession Statement

This PI was superseded to update Model Years. Please discard PIP5212C.

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

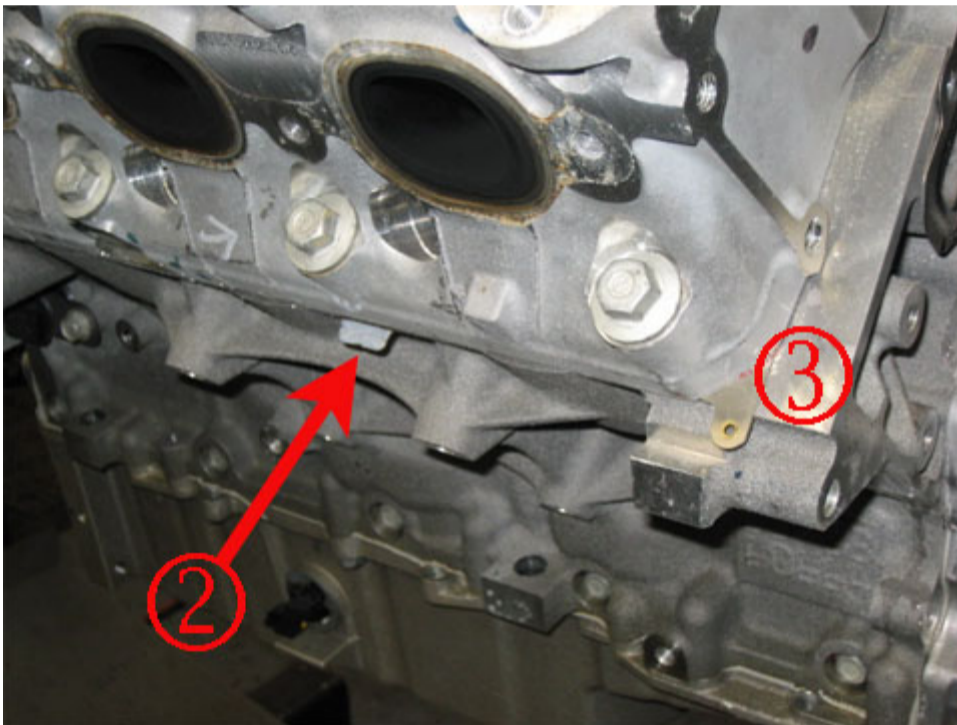
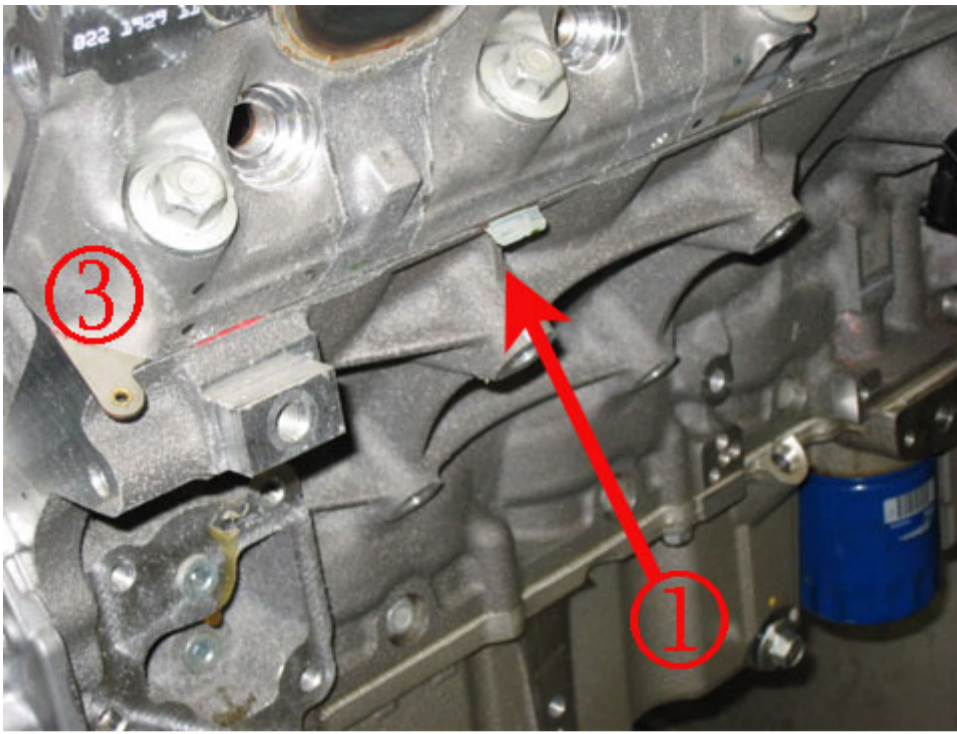
Condition / Concern

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.

Note; GEN5+ engines (L82, L84, L87 all model years).

This noise can sound more like a scraping noise (similar to a failed bearing type noise) on these engines, generally the techs are hearing it from the water pump area and it goes away when the belt is removed. Most likely the noise showed up after the heads had been recently removed (we haven't seen any that were built that way from the factory).

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.



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