



# Service Bulletin

Bulletin No.: 22-NA-216

Date: November, 2022

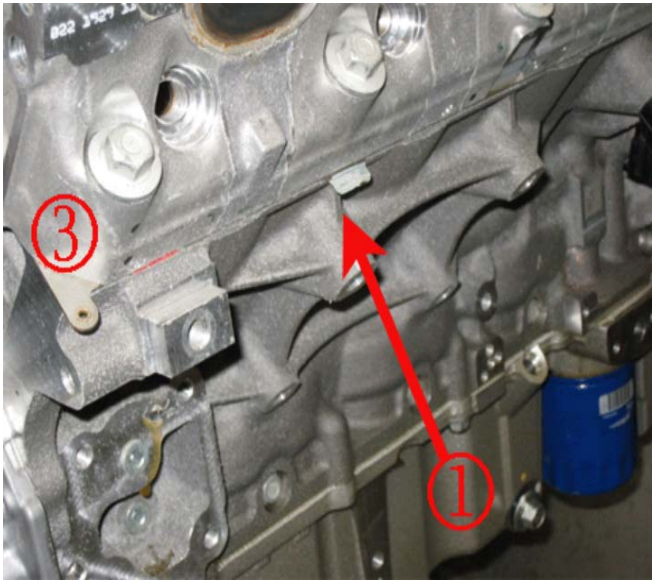
## INFORMATION

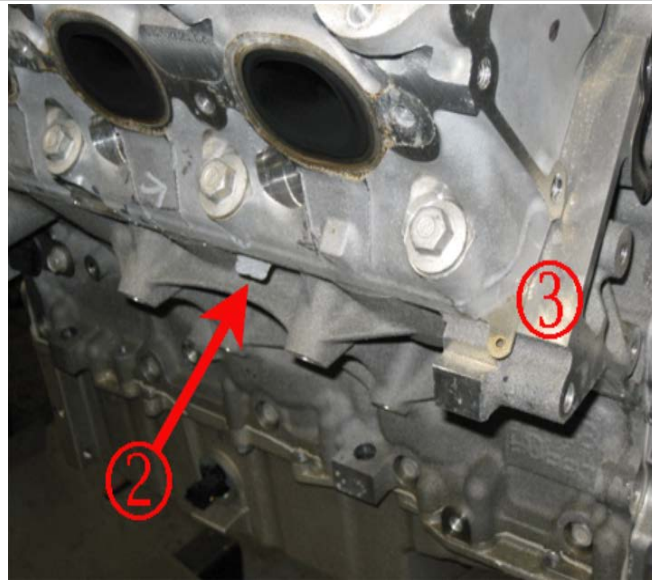
**Subject:** Information on Concern of an Engine Thermostat Tick Noise and/or Running Hot

**This bulletin replaces PIP5212D. Please discard PIP5212D.**

| Brand:    | Model:  | Model Year: |                    | VIN:          |    | Engine:                      | Transmission: |
|-----------|---|-------------|--------------------|---------------|----|------------------------------|---------------|
|           |   | from        | to                 | from          | to |                              |               |
| Cadillac  | CT5   | 2023        | 2023               | —             | —  | LT4                          | —             |
|           | CTS   | 2016        | 2019               |               |    | LT4                          |               |
|           | Escalade Models                                   | 2015        | 2023               |               |    | L86, L87                     |               |
| Chevrolet | Camaro  | 2016        | 2023               |               |    | LT1, LT4                     |               |
|           | Corvette  | 2014        | 2023               |               |    | LT1, LT2, LT4, LT5           |               |
|           | Silverado 1500                                    | 2014        | 2018               |               |    | LV3, L82, L83, L84, L86, L87 |               |
|           | Silverado 1500 (New Model)                        | 2019        | 2019               |               |    |                              |               |
|           | Silverado LD                                      | 2019        | 2019               |               |    |                              |               |
|           | Silverado 1500                                    | 2020        | 2021               |               |    |                              |               |
|           | Silverado 1500 - LTD (RPO J21, VIN Digit 5 = W/Y) | 2022        | 2022               |               |    |                              |               |
|           | Silverado 1500 - New (RPO J22, VIN Digit 5 = A)   |             |                    |               |    |                              |               |
|           | Silverado 1500                                    | 2023        | 2023               |               |    |                              |               |
|           | Silverado 2500HD/3500HD                           | 2020        | 2023               |               |    |                              |               |
|           | Suburban  | 2015        | 2023               | L83, L84, L87 |    |                              |               |
| Tahoe     | 2015  | 2020        | L83, L84, L86, L87 |               |    |                              |               |

| Brand: | Model:   | Model Year: |      | VIN: |    | Engine:                         | Transmission: |
|--------|--|-------------|------|------|----|---------------------------------|---------------|
|        |  | from        | to   | from | to |                                 |               |
| GMC    | Sierra 1500  | 2014        | 2018 | —    | —  | LV3, L82, L83,<br>L84, L86, L87 | —             |
|        | Sierra 1500 (New Model)                                  | 2019        | 2019 |      |    |                                 |               |
|        | Sierra Limited   | 2019        | 2019 |      |    |                                 |               |
|        | Sierra 1500  | 2020        | 2021 |      |    |                                 |               |
|        | Sierra 1500 - Limited<br>(RPO J21,<br>VIN Digit 5 = 8/9) | 2022        | 2022 |      |    |                                 |               |
|        | Sierra 1500 - New (RPO<br>J22, VIN Digit 5 = H/U)        |             |      |      |    |                                 |               |
|        | Sierra 1500  | 2023        | 2023 |      |    |                                 |               |
|        | Sierra 2500HD/3500HD                                     | 2015        | 2023 |      |    | L8T, L96                        |               |
|        | Yukon Models   | 2015        | 2023 |      |    | L83, L84,<br>L86, L87           |               |

|                                   |   |
|-----------------------------------|---|
| <b>Involved Region or Country</b> | North America, Europe, Russia, Middle East, Iraq, Israel, Palestine, Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Japan, Cadillac Korea (South Korea), GM Korea Company, China, Thailand, Australia/New Zealand, Other Africa  |
| <b>Condition</b>                  | Some technicians may find the engine running hot and/or has a tick noise from the thermostat area.<br>Some technicians may also find a repair was previously performed on said vehicle.   |
| <b>Cause</b>                      | This condition may be caused by the cylinder head gasket being installed incorrectly after a service procedure requiring the cylinder head to be removed and replaced.  |
| <b>Information</b>                | <p>Inspect the position of the head gasket locating tabs to determine if the head gasket(s) has been possibly installed backwards.</p> <p>Per the attached pictures, the head gasket locating tabs for both of the engine cylinder banks should be toward the front of the engine:</p>  |



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- #1 is Bank 1 tab near cylinder 3
- #2 is 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 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 noise can be heard near the water pump area and it goes away when the belt is removed. This noise could have developed after the head gasket was replaced for another engine repair procedure.

**Important:** Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

|          |                           |
|----------|---------------------------|
| Version  | 1                         |
| Modified | Released October 26, 2022 |

