



# Service Bulletin

Bulletin No.: 21-NA-267

Date: November, 2021

## INFORMATION

**Subject:** Exhaust Fumes Or Odor In Cabin Or In the Engine Compartment

**This bulletin replaces PIP5780. Please discard PIP5780.**

| Brand:    | Model:          | Model Year: |      | VIN: |    | Engine: | Transmission: |
|-----------|-----------------|-------------|------|------|----|---------|---------------|
|           |                 | from        | to   | from | to |         |               |
| Cadillac  | Escalade models | 2021        | 2021 |      |    | LM2     |               |
| Chevrolet | Silverado       | 2020        |      |      |    | LM2     |               |
|           | Suburban        | 2021        |      |      |    | LM2     |               |
|           | Tahoe           | 2021        |      |      |    | LM2     |               |
| GMC       | Sierra          | 2020        |      |      |    | LM2     |               |
|           | Yukon models    | 2021        |      |      |    | LM2     |               |

|                                   |  |
|-----------------------------------|--|
| <b>Involved Region or Country</b> | North America, Uzbekistan, Russia, Middle East, Israel, Palestine, Chile, Columbia, Ecuador, Paraguay, Peru, Uruguay, Japan, S. Korea, Thailand, Australia, New Zealand. |
| <b>Condition</b>                  | Customer concern of smoke or exhaust fumes/odor in the cabin or exhaust fumes/odor outside the cabin.  |
| <b>Cause</b>                      | This condition may be caused by an improper weld on the Exhaust Back Pressure Valve.   |

Test for a leaking exhaust backpressure valve weld joint using the Power Smoke diagnostic leak detector (GE-52250 - refer to the latest version of PIP5684).

- Please note, smoke from the tester may not get through the DPF, so test downstream by administering the smoke at the fitting on the tailpipe bladder seal.

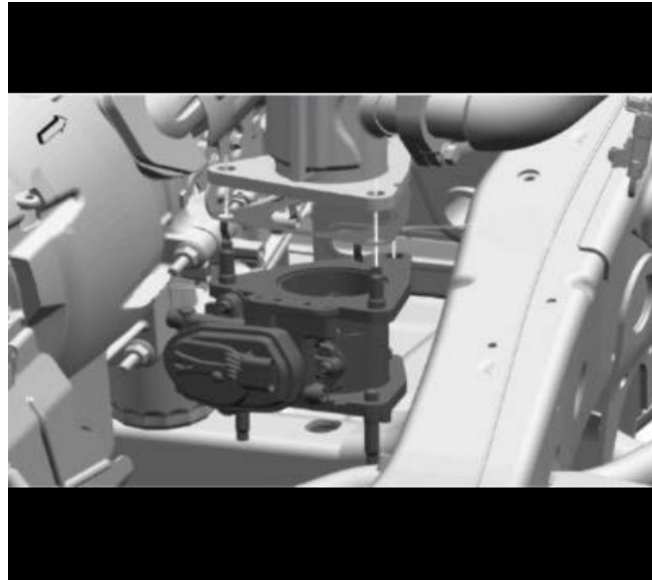
**Important:** Be certain to remove the duct tape from the exhaust cooler after testing.

- Also, the tailpipe bladder seal doesn't reach the exhaust cooler so use duct tape around the pipe to seal the cooler holes.

Repair this or any other leaks as necessary.

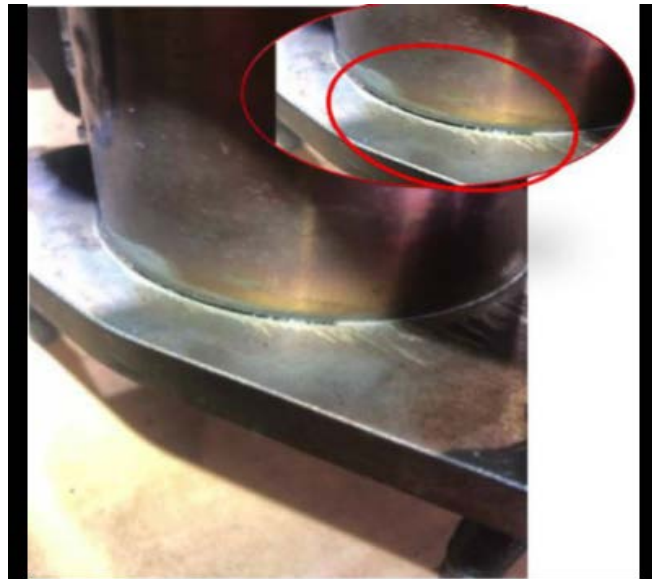
Refer to the pictures below and inspect the weld joint on the Exhaust Back Pressure Valve:

**Note:** If the weld joint is leaking, replace the Exhaust Back Pressure Valve.



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- The exhaust backpressure valve is located between the downpipe from the SCR w/ filter and the under floor SCR.



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- A leak may be caused by an ineffective weld, allowing for a leak at the flange joint.

Correction



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- Soapy water can be used to identify the leak, though smoke from the GE-52250 is also effective.

|          |                            |
|----------|----------------------------|
| Version  | 1                          |
| Modified | Released November 19, 2021 |

