

# **Service Bulletin**

Bulletin No.: 21-NA-095

Date: January, 2023

# **TECHNICAL**

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P1488 or P24DA Set

| Drand     | Model:   | Model Year: |      | VIN: |    | Engine: | Transmission: |
|-----------|--|-------------|------|------|----|---------|---------------|
| Brand:    |  | from        | to   | from | to |         |               |
| Cadillac  | Escalade Models  | 2021        | 2023 |      |    |         |               |
| Chevrolet | Silverado 1500   | 2020        | 2021 |      |    | LM2     |               |
|           | Silverado 1500 - LTD<br>(RPO J21, VIN Digit<br>5 = W/Y)  | - 2022      | 2022 |      |    |         |               |
|           | Silverado 1500 - New<br>(RPO J22, VIN Digit<br>5 = A/D)  |             |      |      |    |         |               |
|           | Suburban   | 2021        | 2023 |      |    |         |               |
|           | Tahoe  |             |      |      |    |         |               |
|           | Sierra 1500  | 2020        | 2021 |      |    |         |               |
| GMC       | Sierra 1500 - Limited<br>(RPO J21, VIN Digit<br>5 = 8/9) | - 2022      | 2022 |      |    |         |               |
|           | Sierra 1500 - New<br>(RPO J22, VIN Digit<br>5 = H/U)     |             |      |      |    |         |               |
|           | Yukon Models   | 2021        | 2023 |      |    |         |               |

| Involved Region or Country | North America, Uzbekistan, Russia, Middle East, Chile (West), Colombia (West), Ecuador (West), Paraguay (West), Peru (West), Venezuela (West), Japan, Cadillac Korea (South Korea), Thailand (ASEAN), Australia/New Zealand |
|----------------------------|---|
| Condition                  | Some customers may comment that the MIL is illuminated. Some technicians may find DTC P1488 or P24DA (Particulate Matter Sensor Protection Tube Performance) set in the Engine Control Module (ECM).                        |
| Cause                      | This condition can be caused by any exhaust leak, but is primarily caused by an exhaust leak between the NOx catalytic converter and the rear exhaust pipe.   |
| Correction                 | Refer to the Service 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.

#### **Service Procedure**

1. If required, support and disconnect the rear exhaust pipe from any hangers.



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Separate the UFSCR/Tailpipe Assembly and discard clamp.

**Note:** It is extremely important that the pipes are clean and free of rust.

2. Utilizing an abrasive cloth or equivalent, clean the surfaces of the pipes.



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3. Install the new graphite seal on to pipe as shown in the graphic above.



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- 4. Reconnect UFSCR and Tailpipe, verify for proper alignment and insertion.
- 5. Install the new clamp.
  - $\Rightarrow$  Tighten clamp to 28 N•m (21 lb ft).
- 6. If any of the exhaust hangers were disconnected, re-secure them.

### **Parts Information**

| Causal<br>Part | Description   | Part<br>Number | Qty |
|----------------|---------------|----------------|-----|
| N/A            | SEAL, EXH SYS | 86806078       | 1   |
| N/A            | CLAMP, EX     | 86799823       | 1   |

## **Warranty Information**

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

| Labor Operation  | Description              | Labor Time |
|--|--------------------------|------------|
| 4088898*   | Diagnostic's and Testing | 0.5 hr     |
| Add  | Install Exhaust Seal     | 1.0 hr     |
| *This is a unique Labor Operation for Bulletin use only. |                          |            |

| Version  | 8   |
|----------|---|
|          | Released April 22, 2021   |
|          | Revised May 03, 2021 - Changed P42DA to P24DA and Changed Region Information to North America.  |
|          | Revised June 04, 2021 - Add Spider Patch information to Service Procedure and Parts information section and Removed the Information to Allow the Tape to Overhang the Pipe to Apply Tape to the Edge of Pipe. |
| Modified | Revised September 17, 2021 - Updated the Cause and Correction sections.   |
|          | Revised January 18, 2022 - Add 2022 to Model Year and Added Additional Regions and Countries.   |
|          | Revised January 28, 2022 - Update Service Procedure section.  |
|          | Revised March 03, 2022 - Removed 2WD from Model section.  |
|          | Revised January 24, 2023 - Added 2023 to Model Year, Removed all Exhaust Tape Installation Information and Replaced with Exhaust System Seal Information.   |