



# Service Bulletin

Bulletin No.: 23-NA-116

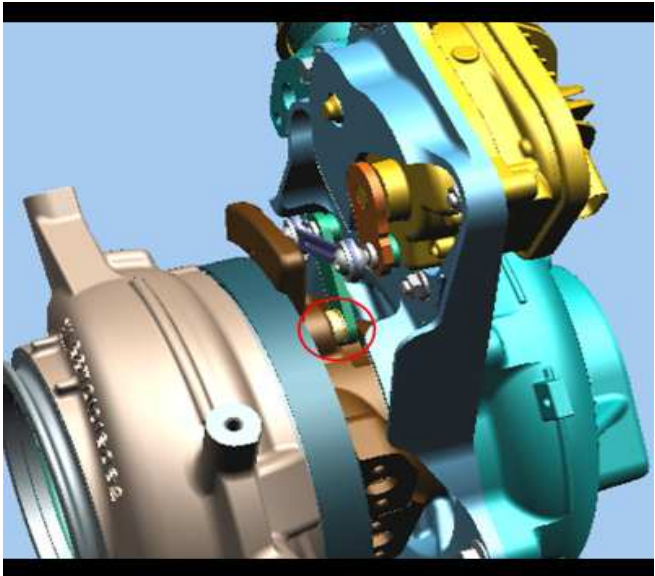
Date: July, 2023

## TECHNICAL

**Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P003A and/or P100B Set**

| Brand:    | Model:                     | Model Year: |      | VIN: |    | Engine: | Transmission: |
|-----------|----------------------------|-------------|------|------|----|---------|---------------|
|           |                            | from        | to   | from | to |         |               |
| Chevrolet | Silverado<br>2500HD/3500HD | 2024        | 2024 |      |    | L5P     |               |
| GMC       | Sierra 2500HD/<br>3500HD   |             |      |      |    |         |               |

|                                   |  |
|-----------------------------------|--|
| <b>Involved Region or Country</b> | North America  |
| <b>Condition</b>                  | Some customers may comment on the MIL illuminated.<br>Some technicians may find one or more of the DTCs set in the Engine Control Module (ECM): <ul style="list-style-type: none"> <li>• P003A</li> <li>• P100B</li> </ul> |
| <b>Cause</b>                      |  <p style="text-align: right;">6378660</p> <p>This condition may be caused by a broken weld at the turbocharger actuator arm.</p>      |

|   |  |
|---|--|
| <p><b>Correction</b></p>  |  |
| <p style="font-size: small;">6378659</p> <p>Utilizing a mirror, inspect for a broken weld on the turbocharger actuator arm. If found, replace the turbocharger.</p> |  |

**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**

Refer to *Compressor Air Intake Turbocharger Replacement* in the Service Manual.

**Parts Information**

**Note:** Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

| Causal Part | Description                 | Part Number | Qty |
|-------------|-----------------------------|-------------|-----|
| X           | TURBO-CHARGER, CMPR AIR INT | 12725144    | 1   |
| N/A         | SEAL, A/C CMPR &CNDSR HOSE  | 13418808    | 1   |

| Causal Part | Description                 | Part Number | Qty |
|-------------|-----------------------------|-------------|-----|
| N/A         | SEAL, A/C CMPR HOSE         | 13418809    | 1   |
| N/A         | CLAMP, CTLTC CONV           | 12683878    | 1   |
| N/A         | GASKET, CTLTC CONV          | 12672821    | 1   |
| N/A         | GASKET, EGR CLR PIPE        | 12648141    | 1   |
| N/A         | CLAMP, EXH PIPE             | 12683493    | 1   |
| N/A         | GASKET, EXH SYS FRT         | 12672822    | 1   |
| N/A         | BOLT, PCV OIL SEP           | 11611966    | 1   |
| N/A         | GASKET, PCV OIL SEP         | 12714574    | 1   |
| N/A         | SEAL, OIL FIL CAP           | 24100002    | 1   |
| N/A         | SEAL, TURBO AIR INL ADAP    | 12651147    | 1   |
| N/A         | GASKET, TURBO OIL FEED PIPE | 12691866    | 1   |
| N/A         | GASKET, TURBO               | 12700564    | 1   |
| N/A         | GASKET, TURBO OIL RTN PIPE  | 12642429    | 1   |
| N/A         | GASKET, TURBO OIL FEED PIPE | 12662187    | 1   |

## Warranty Information

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

| Labor Operation  | Description          | Labor Time |
|--|----------------------|------------|
| 4089098*   | Replace Turbocharger | 6.5 hr     |
| *This is a unique Labor Operation for Bulletin use only. |                      |            |

|          |                        |
|----------|------------------------|
| Version  | 1                      |
| Modified | Released July 25, 2023 |

