



# Service Bulletin

File in Section: -

Bulletin No.: 17-NA-204

Date: February, 2018

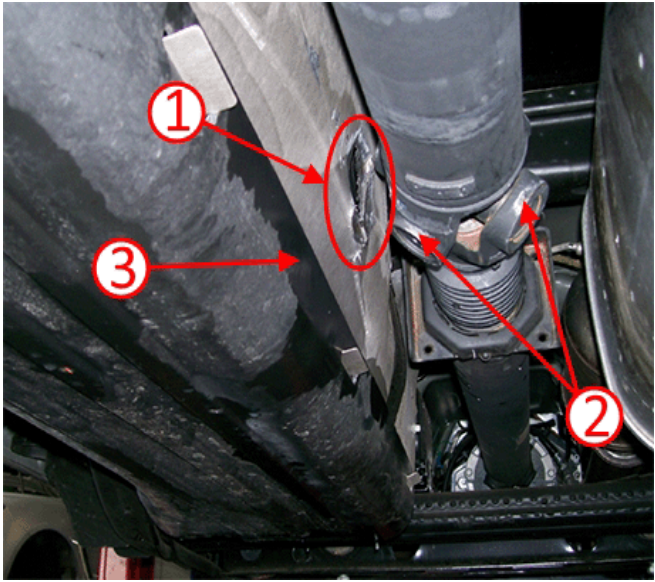
## TECHNICAL

**Subject:** Fuel Leak, Fuel Smell/Odor, Rubbing/Grinding/Clanking/Hitting/Banging/Popping/Thumping Noise from Under Vehicle, Fuel Gauge Reading Inaccurate - DTC's P0461, P462, P0463, P2067, P2066, P2068 and P2636 Set

**Attention:** For 2015 model year vehicles, refer to Safety Recall Bulletin # 17399.

| Brand:    | Model:           | Model Year: |      | VIN: |    | Engine: | Transmission: |
|-----------|------------------|-------------|------|------|----|---------|---------------|
|           |                  | from        | to   | from | to |         |               |
| Chevrolet | Silverado Models | 2011        | 2018 |      |    | L96     |               |
| Chevrolet | Silverado Models | 2017        | 2018 |      |    | L5P     |               |
| GMC       | Sierra Models    | 2011        | 2018 |      |    | L96     |               |
| GMC       | Sierra Models    | 2017        | 2018 |      |    | L5P     |               |

|                                   |  |
|-----------------------------------|--|
| <b>Involved Region or Country</b> | North America, Middle East, Asia and South America   |
| <b>Additional Options (RPOs)</b>  | N2N (Fuel Tank Dual Tank, Front Tank 23.5 GAL (89L) Rear Tank 40 GAL (151L)  |
| <b>Condition</b>                  | <p>Some customers may comment on:</p> <ul style="list-style-type: none"> <li>• Fuel smell/odor</li> <li>• Fuel leak</li> <li>• Rubbing noise</li> <li>• Grinding noise</li> <li>• Clanking noise</li> <li>• Hitting noise</li> <li>• Banging noise</li> <li>• Popping noise</li> <li>• Thumping noise</li> <li>• Fuel gauge reading inaccurate</li> </ul> <p>Some technicians may find one or more of the following DTC's set:</p> <ul style="list-style-type: none"> <li>• P0461</li> <li>• P0462</li> <li>• P0463</li> <li>• P2067</li> <li>• P2066</li> <li>• P2068</li> <li>• P2636</li> </ul> |

|                          |   |
|--------------------------|---|
| <p><b>Cause</b></p>      | <p>This condition may be caused by the front level sender failing to register fuel transfer properly causing the transfer pump to continuously transfer fuel to the fuel tank, causing the tank to expand past its specifications resulting in one or both of the following:</p> <ul style="list-style-type: none"> <li>On gasoline powered vehicles, fuel forced into the evaporative emissions system.</li> </ul>  <p>⇒ All fuel driven vehicles, the drive shaft (2) may contact the aluminized steel shield (1) on the inboard side of the fuel tank creating noises as it grinds a hole through the shield and through the plastic fuel tank resulting in a fuel leak (3).</p> |
| <p><b>Correction</b></p> | <p>If the fuel tank has been validated to be the cause of the conditions listed, replace the front fuel tank, shield, pump and level sender.</p>  |

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### Service Procedure

Refer to *Fuel Level Sensor Replacement* in SI.

### Parts Information

| Causal Part                   | Description                                | Year      | Part Number    | Qty |
|-------------------------------|--|-----------|----------------|-----|
| <b>Gasoline Engines (L96)</b> |  |           |                |     |
| x                             | MODULE KIT, F/TNK F/PMP (W/O FUEL LVL SEN) | 2011–2014 | 13589705       | 1   |
|                               |  | 2015–2016 | 13585448       | 1   |
|                               |  | 2017–2018 | 84174279       | 1   |
| x                             | SENSOR KIT, FUEL LVL (FROM FRT TANK)       | 2011–2014 | 13581915       | 1   |
|                               |  | 2015–2016 | 13585452       | 1   |
|                               |  | 2017–2018 | 25901690       | 1   |
|                               | TANK, AUX FUEL                             | 2011–2018 | 84174276       | 1   |
| <b>Diesel Engines (L5P)</b>   |  |           |                |     |
|                               | MODULE KIT, F/TNK F/PMP (W/O FUEL LVL SEN) | 2017–2018 | 84212972 (L5P) | 1   |
|                               | SENSOR KIT, FUEL LVL (FROM FRT TANK)       | 2017–2018 | 84212967 (L5P) | 1   |
|                               | TANK, AUX FUEL                             | 2017–2018 | 25901689 (L5P) | 1   |

| Causal Part         | Description  | Year | Part Number | Qty          |
|---------------------|--|------|-------------|--------------|
| <b>Both Engines</b> |  |      |             |              |
|                     | SHIELD, F/TNK HT                                       | All  | 25901685    | 1            |
|                     | NUT, BOLT<br>RETAINING SPRING,<br>M8X1.25, 25 O.D.,ZOR | All  | 10009923    | Refer to EPC |

## 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 |
|--|--|------------|
| 4081788*   | Drain Fuel Tank<br>Fuel Level Sender, Fuel<br>Pump Module, Fuel Tank,<br>Fuel Tank Shield<br>Replacement | 1.8 hrs    |
| *This is a unique Labor Operation for Bulletin use only. |  |            |

|                 |  |
|-----------------|--|
| <b>Version</b>  | 3  |
| <b>Modified</b> | December 07, 2017 - Updated model engine section and removed 2015 and 2017 model years.<br>Jan. 26 ,2018 - Update models to 2018, part numbers and add diesel information. |

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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