



Preliminary Information

PIP5865C Diagnostic Tip: Malfunction Indicator Lamp (MIL) DTC P30BF That May Set As Current Or Failed In History On Vehicles With 5000 Miles Or Less

Proactive

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|-----------|-----------|--------------|------|-----|-----------------|----------------|
| | | | from | to | | |
| Cadillac | CT4-V | 2020 - 2024 | All | All | 2.7 L3B | All |
| Chevrolet | Colorado | 2023 - 2024 | All | All | 2.7 L3B and L2R | All |
| Chevrolet | Silverado | 2019 - 2024 | All | All | 2.7 L3B | All |
| GMC | Canyon | 2023 - 2024 | All | All | 2.7 L3B and L2R | All |
| GMC | Sierra | 2019 - 2024 | All | All | 2.7 L3B | All |

| | |
|------------------------------------|--|
| Involved Region or Country: | North America |
| Condition: | DTC P30C3, P30C7, P30CB or P30BF set as current or in history on vehicles with 5000 miles or less |
| Cause: | Potential binding or sticking of the Intake/Exhaust camshaft sliding lobe pack |

Correction

You may encounter one of the above listed vehicles that arrive in service with DTC P30C3, P30C7, P30CB or P30BF set as current or in history.

Clear any DTC's using GDS then drive the vehicle to verify the DTC's will reset. If any of these DTC's return proceed with the following.

Replace the profile actuator solenoids as follows:

P30BF, intake cylinders 1&2

P30C3, intake cylinders 3&4

P30C7, exhaust cylinder 2

P30CB, exhaust cylinder 3

If any of the above codes return then replace the Intake Camshaft and Roller followers (DTC P30BF, P30C3) or Exhaust Camshaft and Roller Followers (DTC P30C7, P30CB)

Clear remaining DTC's using GDS and evaluate the repairs.

If any of these codes return after the above repairs complete the published SI diagnostics for the related DTC's that have returned.

This PI may become a bulletin once additional information has been collected.

Version History

| | |
|----------|--------------------------|
| Version | 4 |
| Modified | 08/11/2022 - Created on. |

01/13/2023- Updated to include 2023 Model Year and remove intake cam actuator replacement.

03/06/2024 Updated to include 2024 Model Year and add reference to PIE0781.

5/23/2024- Updated information to include additional model years and combine information from PIE0781 and PIP5843D



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