



Service Bulletin

Bulletin No.: PIP5865F

Date: August, 2025

PRELIMINARY INFORMATION

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

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT4-V	2020 - 2025		All	All	2.7 L3B	All
Chevrolet	Colorado	2023 - 2025		All	All	2.7 L3B and L2R	All
Chevrolet	Silverado	2019 - 2025		All	All	2.7 L3B	All
GMC	Canyon	2023 - 2025		All	All	2.7 L3B and L2R	All
GMC	Sierra	2019 - 2025		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. If so, complete the following steps.

1. Clear DTC and allow full sleep cycle of vehicle. Open and close the driver's door. Wait for OnStar light to turn off and listen for relays in passenger footwell to click to indicate vehicle is asleep.
2. Start Vehicle and idle for 30 seconds and confirm no MIL
3. Drive vehicle, if MIL sets immediately upon moving the vehicle proceed to step 3a. If MIL does not set immediately proceed to step 4
 - a. Clear DTC and allow full sleep cycle of vehicle. Upon restarting the vehicle, perform a park rev to 4000 rpm for 15 seconds.
4. Drive at 23-25 mph for 10 minutes If no MIL is present, the issue is resolved.
 - a. If MIL resets at any time, return to step 1. Repeat process up to 4x." If codes return once completed 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.

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
*4082545	Diagnosis/swap Profile Actuator Solenoids	0.8 Hr.
Add Time	Intake/Exhaust Camshaft replacement Only	4.5 Hr.
Add Time	Intake/Exhaust Roller Follower Replacement Only	4.3 Hr.
*This is a unique Labor Operation for Bulletin use only.		

Version	6
Modified	08/11/2022 - Created on. 01/13/2023- Updated Model Year and correction. 03/06/2024 Updated Model Year and correction. 05/23/2024- Updated Model Year and correction. 05/09/2025- Updated Model Year. 07/28/2025- Updated to include labor operation 08/15/2025- Updated to include additional steps for clear related DTC

