



## Preliminary Information

### PIP5822B MIL Illuminated with DTC P0341 Set

#### Models

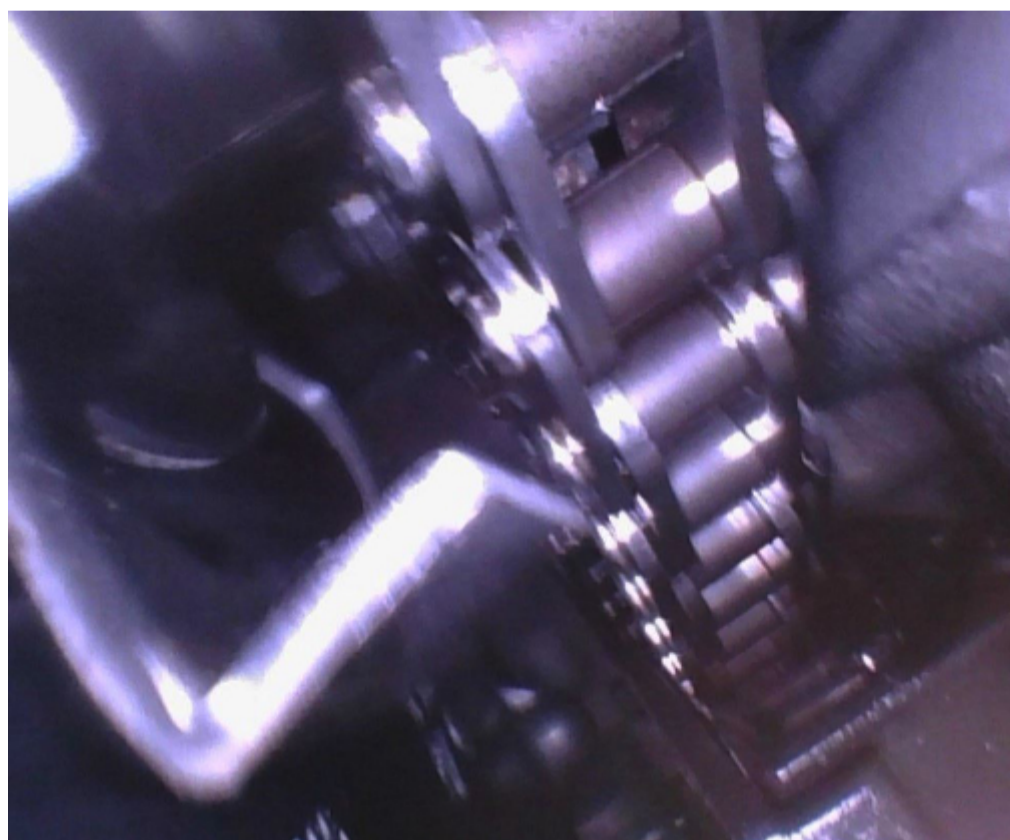
Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2021	All	All	LM2	All
Chevrolet	Silverado	2021	All	All	LM2	All
Chevrolet	Suburban	2021	All	All	LM2	All
Chevrolet	Tahoe	2021	All	All	LM2	All
GMC	Sierra	2021	All	All	LM2	All
GMC	Yukon Models	2021	All	All	LM2	All

Involved Region or Country:	North America
Condition:	Some customers comment on the MIL being illuminated and the technician may find DTC P0341 set.
Cause:	This may be due to the Camshaft Position Sensor exciter wheel being bent.

#### Correction:

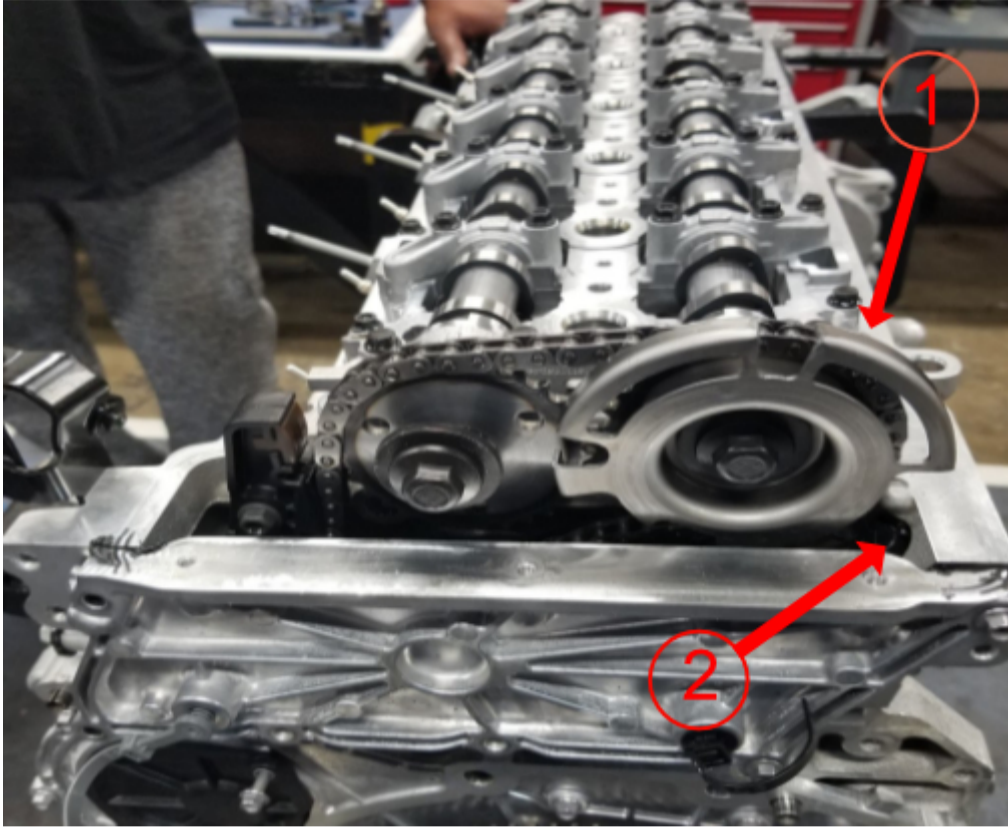
Perform normal Service Information diagnostics. If that fails to identify the cause of the P0341, remove the camshaft position sensor and use a bore scope to inspect the camshaft position sensor exciter wheel for being bent. If the camshaft position sensor exciter wheel is severely bent and/or making contact with the timing chain, replace the exciter wheel.

To inspect each wheel segment it will be necessary to roll the engine over by hand two engine revolutions (refer to the pictures below).

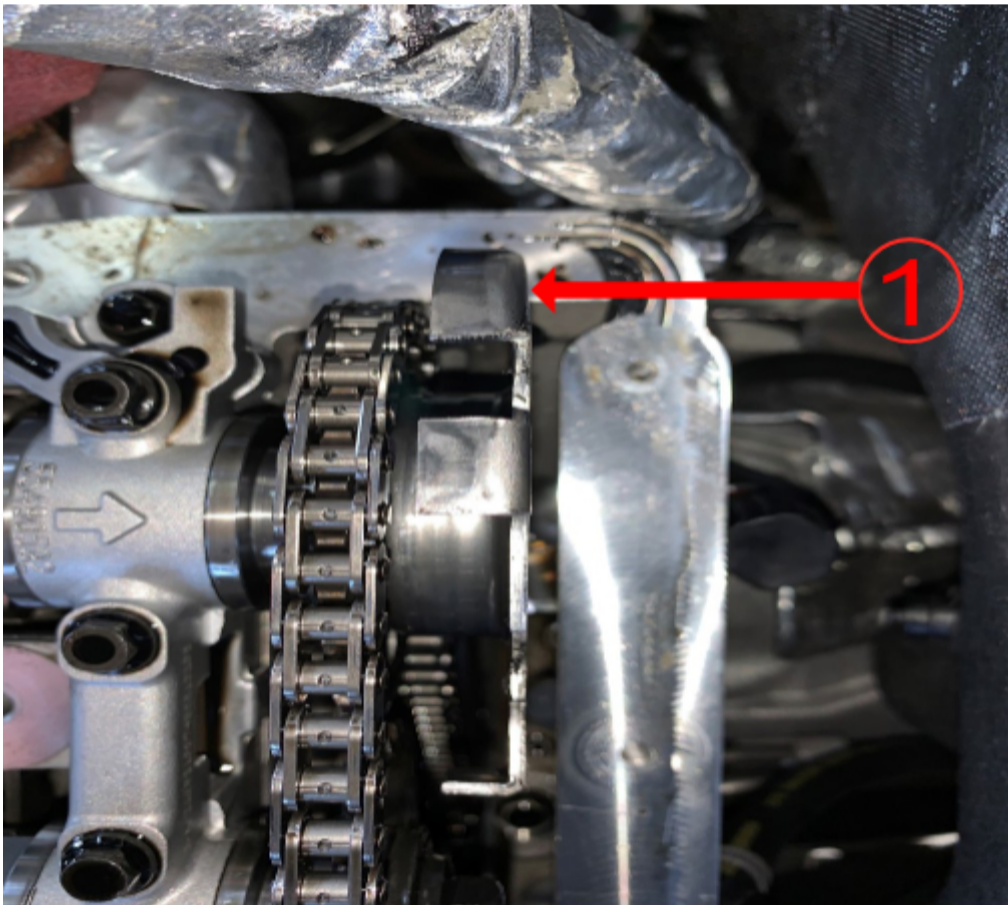


Bent cam exciter wheel contacting the timing chain

The exciter wheel in the pictures below are for reference only and is NOT bent.



- 1. Camshaft exciter wheel
- 2. Camshaft position sensor



- 1. Camshaft exciter wheel

Warranty Information

**For vehicles repaired under the Bumper to Bumper and Emissions (E) coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.**

Labor Operation	Description	Labor Time
4088038	Camshaft Position Sensor Exciter Wheel Inspection	3.1 Hrs.

Version History

Version	3
Modified	09/21/2021 - Created on 09/30/2021 - Modified to include pick up trucks and to clarify the wording



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