

# loosing tps signal

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[East Chicago Penske](#) 2 posts since Nov 23, 2020

**loosing tps signal** Feb 4, 2021 2:16 PM

Hello All,

I am currently having an issue with a 2019 M2 LC2817, ISB 6.7 Codes 132 @ 22cnts and 1242 @ 2cnts. I have followed Cummins troubleshooting and we replaced TPS and code has returned week later. Called Cummins support and they are suggesting an overlay to eliminate possible harness issue or pulling harness and searching for short or open. I'm looking for suggestion where others might have found issues or common failures to help places to pinpoint. Thanks in advance

Tags: 1242, cummins isb, new m2, fault 132, fault 1242, 132



[Michael Palumbo](#) 1,620 posts since Nov 13, 2014

**Re: loosing tps signal** Feb 5, 2021 1:50 AM

Two references that seem related

[SS 469037 Diagnosing intermittent loss of throttle & Cummins TPS code 1242](#)

[Re: ECM Pin Out for Cummins ISB6.7 CM2350 B121B](#)



[Robert Cadell Jr](#) 2,837 posts since Nov 9, 2014

**Re: loosing tps signal** Feb 5, 2021 2:42 AM

Please remember also the tps is hardwired, is this a normal m2 or by chance a dual steer set up.



[Kyle Siebert](#) 4,151 posts since Nov 14, 2014

**Re: loosing tps signal** Feb 6, 2021 5:54 PM

Don't follow Cummins on this. They have no idea the tps is using the DPF differential pressure 5 volt reference for the APPS "TPS". Mike and Rob have valid points. Follow the freightliner wiring schematics.

I've had APPS wiring run thru on the engine harness support bracket, last bracket before it jumps to the firewall.

Do you have any codes for DPF differential pressure sensor?

Also, I've seen a spread pin in the 96 pin connector for the APPS signal. A poor ground pin for the APPS will also do cause issues. Do a drag test for all related APPS wiring.