# 2014 - 2017 Corvette: GM TechLink: Harsh Shift and Rough Idle Conditions

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**GM TechLink**
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A harsh shift and rough idle may be felt on some 2014 - 2017 Corvette, Silverado, Sierra; 2015-2017 Escalade, Suburban, Tahoe, Yukon; 2016 - 2017 Cadillac CTS-V, and Camaro models.

The harsh shift may be felt on the 1/2 and 2/3 shift along with a sputter when applying the throttle between 0% and 30% and a rough idle. DTCs P0101 (MAF Sensor Performance), P0171 (Fuel Trim System Lean Bank 1), P0172 (Fuel Trim System Rich Bank 1), P0174 (Fuel Trim System Lean Bank 2) and P0175 (Fuel Trim System Rich Bank 2) may be set.

Inspect for cast flashing in the air filter housing near the Mass Air Flow (MAF) sensor for excessive flashing. (Fig. 11) If excessive flashing is found, replace the air filter housing lid. Be sure to check the flashing in the new lid as well.

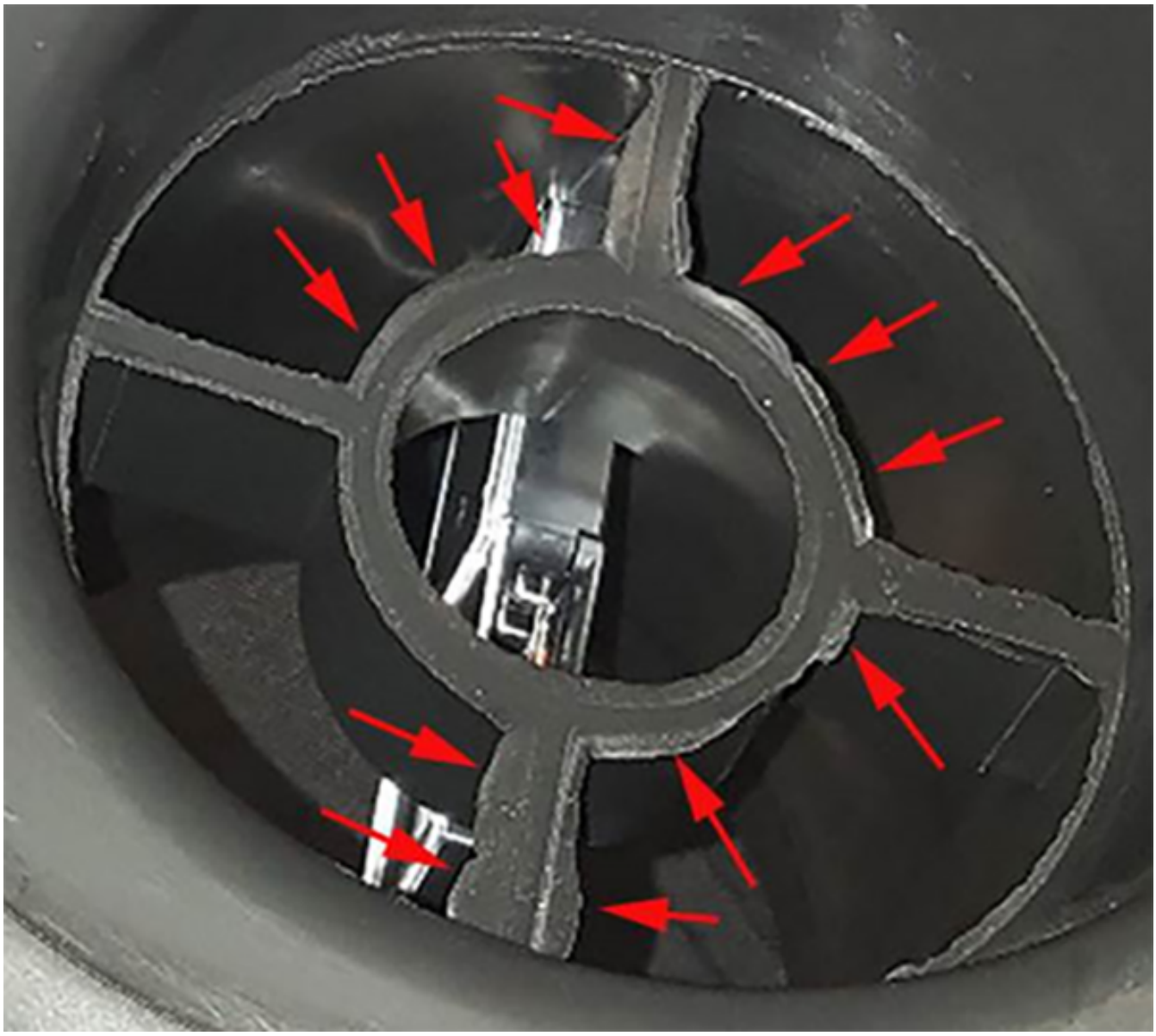

**Fig. 11**

*– Thanks to Richard Renshaw*

Online URL:
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