



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-118

Date: April, 2018

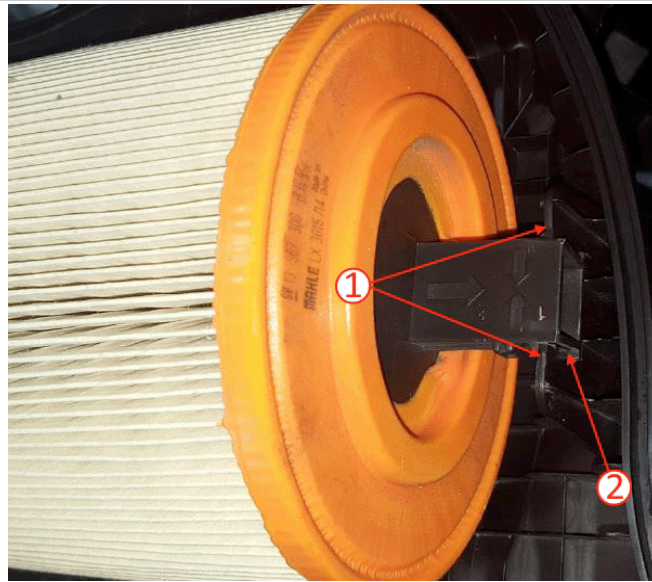
INFORMATION

Subject: Diagnostic Tip for Malfunction Indicator Lamp (MIL) Illuminated - DTC P0101, P0171, P0172, P0300 and/or P1101 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Cruze (Gen II - VIN B)	2016	2018			1.4L (LE2)	
Holden	Astra BL	2017	2018				

Involved Region or Country	North America, Australia, New Zealand
Condition	<p>Some customers may comment that the MIL is illuminated.</p> <p>Some technicians may find one or more of the following DTCs set:</p> <ul style="list-style-type: none">• P0101: Mass Air Flow (MAF) Sensor Performance set in the Engine Control Module• P0171: Fuel Trim System Lean set in the Engine Control Module• P0172: Fuel Trim System Rich set in the Engine Control Module• P0300: Engine Misfire Detected set in the Engine Control Module• P1101: Intake Air Flow System Performance set in the Engine Control Module

Cause



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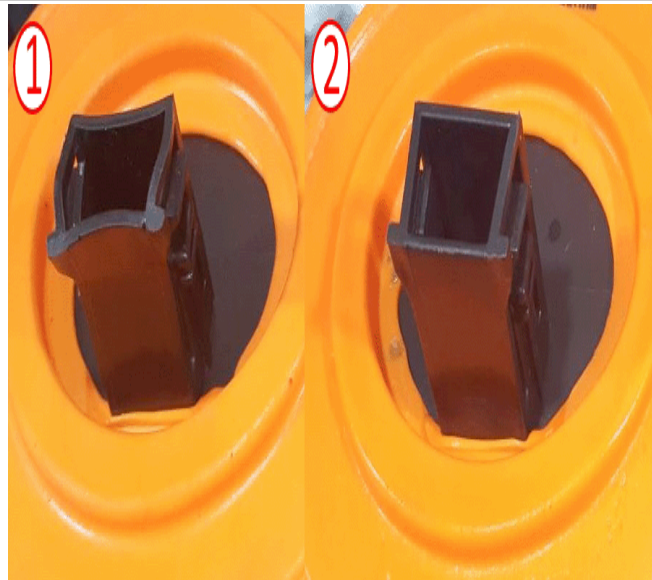
This condition may be caused by the air cleaner element bracket (2) not properly installed onto the mount (1), causing the bracket and/or mount to become warped over time.



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An improperly installed bracket may cause the air cleaner element to warp, be misaligned and/or improperly seal onto the air cleaner housing inlet duct, creating gaps as shown above.

Correction



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Perform an inspection of air cleaner element bracket:

- If damage to the bracket (1) has been found, replace the air cleaner element and validate a secure connection between the air cleaner bracket and the mount. Refer to the Service Procedure below.
- If no damage has been found to the bracket (2) and the air cleaner shows no signs of improper sealing to the intake duct, refer to SI for further diagnostics.

Service Procedure

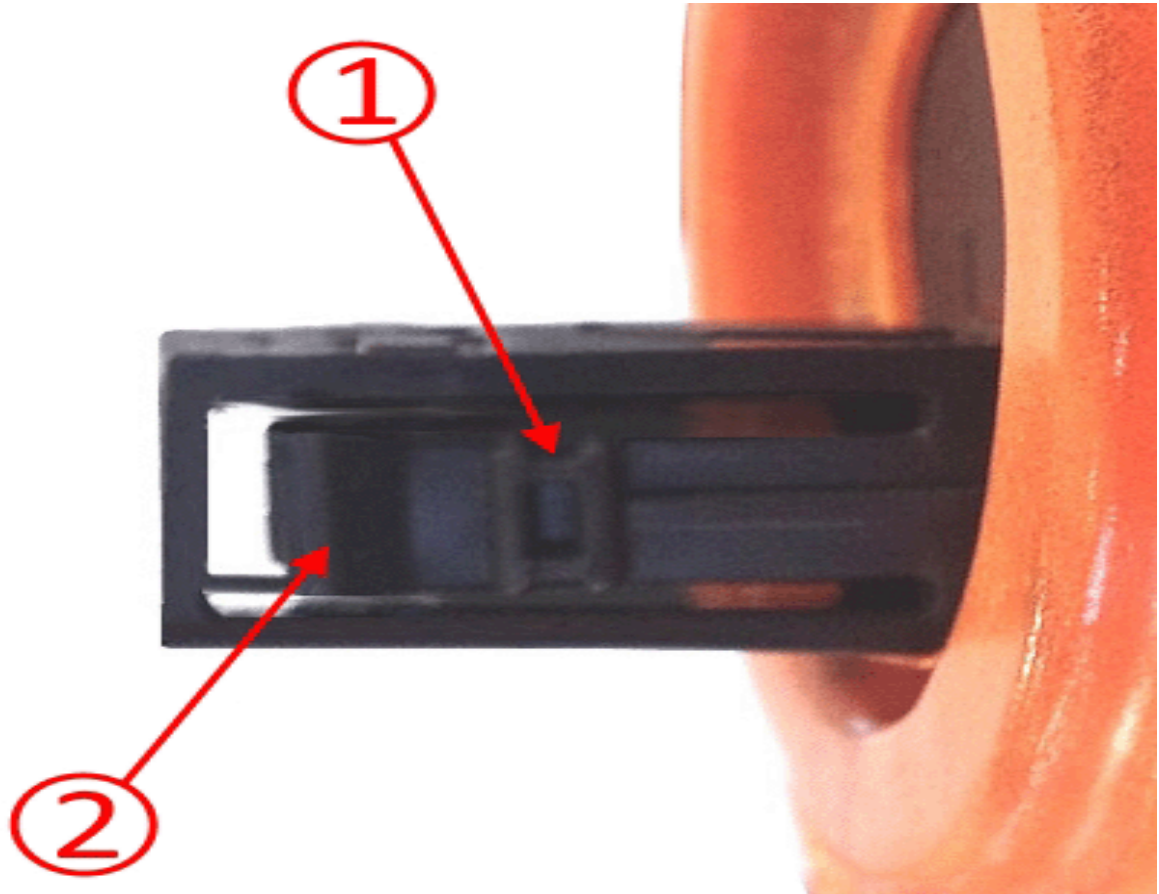
Additional Air Cleaner Element Bracket Service



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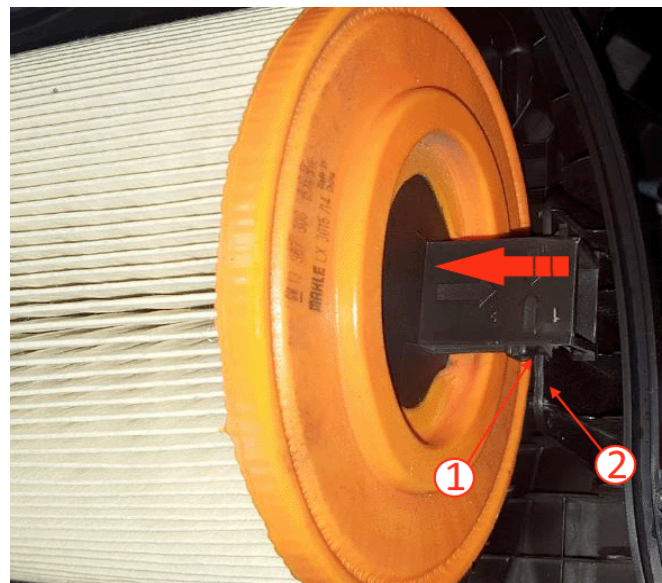
Important: When removing the air cleaner element, care should be taken not to damage the bracket mount. Follow the instructions on the bracket for air filter removal.

1. Remove the air cleaner housing.
2. Remove the air cleaner element.



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3. Squeeze the tabs (1) to release the bracket from the mount.
4. Slide the air filter away from the intake duct.
5. Using care, lift the bracket away from the mount and remove the air cleaner.



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6. Align the new air cleaner to the air cleaner housing intake duct.
7. Align the bracket (1) to the mount (2).

- 8. Using care, slide the air cleaner and bracket rearwards till an audible click can be heard.

Note: A properly installed air cleaner should not fall out of the housing when turned over and shaken slightly.

- 9. Inspect the air cleaner for proper seal around the inlet duct.
- 10. Install the air cleaner housing.

Parts Information

No parts are required for this repair.

Version	1
Modified	Released April 16, 2018

