



Preliminary Information

PIP5548A Diagnostic Aid For CVT7 Transmission Fluid Pan Magnet Inspection To Avoid Unnecessary Transmission Replacement

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Spark	2014 - 2020	All	All	LLO LV7	M4M MR8

Involved Region or Country	North America
Condition	If a customer concern is noted that would require removal of the transmission fluid pan (noise, slipping, shudder, loss of movement, etc.) use the following magnet inspection procedure to determine if the transmission should be replaced or if further diagnosis is needed.
Cause	Magnets are installed in the transmission fluid pan to attract metallic particles that are generated during normal operation. The particles may stack up on the magnets and falsely appear to be strands or chips of metal.

Correction:

Inspection procedure: Small metal flakes and fine metallic dust are considered normal.

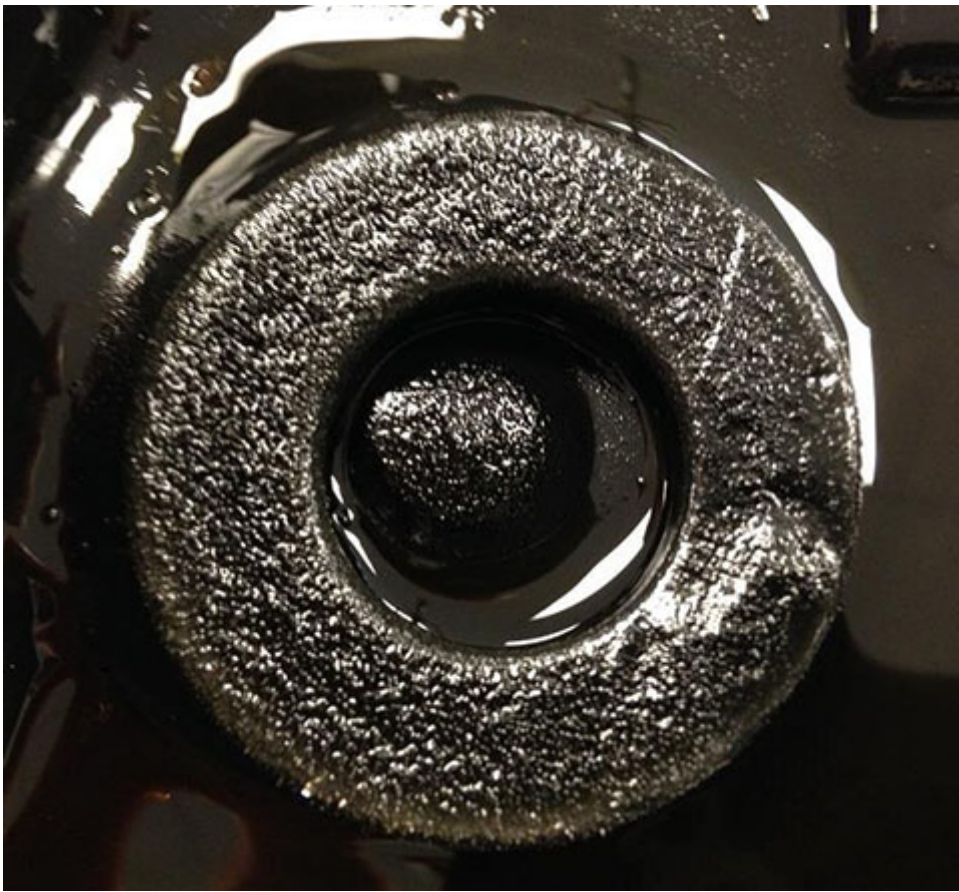
Using gloves, remove some of the material from the magnet and rub it between your fingers or onto a hard surface.

Normal magnetic dust will be almost smooth.

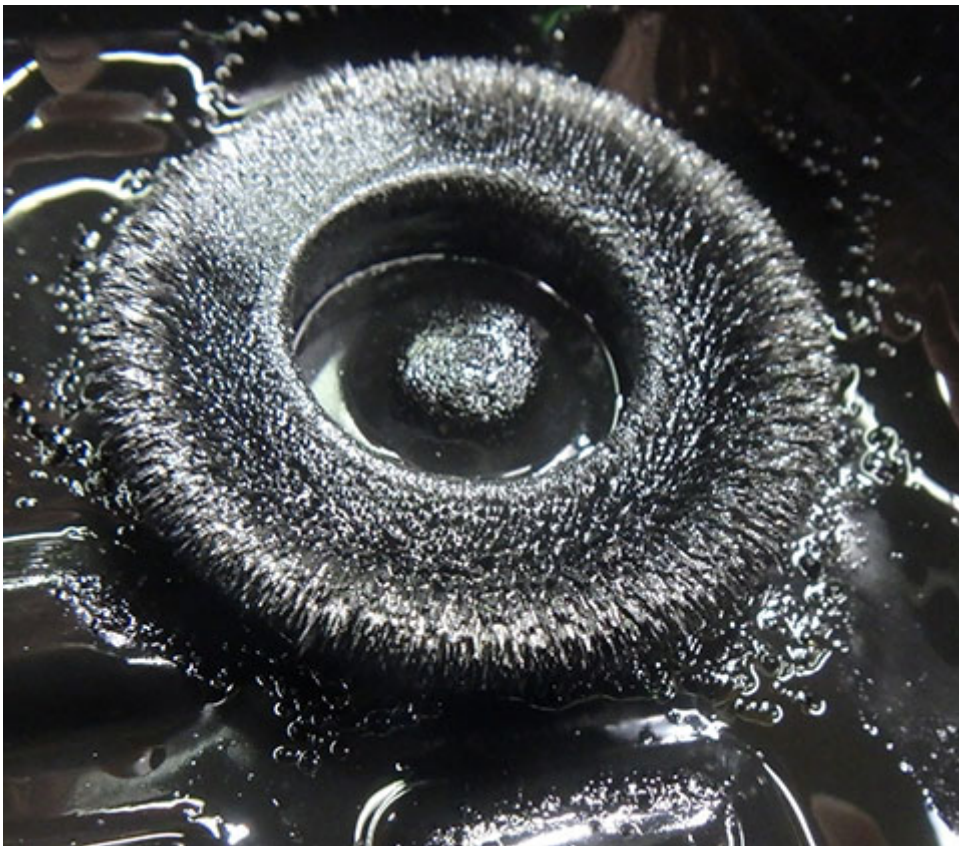
If chips are not readily evident in the magnet debris, the condition is not detrimental to the transmission and further diagnosis is needed.

Please refer to the pictures shown below to aid in determining if the transmission should be replaced.

The following picture shows normal appearance of metallic dust. Please continue with diagnostics.



The following picture shows particle buildup that may appear as fuzz, strands or chips. Using gloves, rub a small amount of the magnetic debris between your fingers or onto a hard surface. If the debris breaks down and feels almost smooth, please continue diagnosis. If there are actual chips in the debris, the transmission should be replaced.



Caution: Use correct transmission fluid only. Failure to use the proper fluid will result in transmission internal damage.

Note: This information is a diagnostic aid. Engineering is currently investigating CVT7 transmission concerns. This PI will be updated if more information becomes available.

Note: The original transmission will be requested back for an engineering inspection. Replacing the transmission without finding the metal debris (as described in this PI) may result in a debit to the dealer.

Version History

Version	1
Modified	Created on 1/24/2018 11/05/2019 - Updated to add the 2019 and 2020 model years.



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