



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Diagnostic Tips For A CVT7 Transmission With a Noise Concern

**Models:** 2014-2015 Chevrolet Spark  
Equipped with the Jatco CVT7 transmission RPO M4M

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Customers may comment on a noise that appears to be coming from the transmission assembly.

### Recommendation/Instructions

Refer to SI document 3327666 and make sure the transmission is full of fluid. A low fluid level may cause a pump whine.

Check for any DTCs. Some DTCs will cause a defaulted maximum line pressure that will cause a noise and should be addressed before continuing with further diagnostics

If the noise is still present and it has been determined to be coming from inside the transmission continue with the following.

Remove all three speed sensors and inspect for more than a normal light dusting of metal on any of the sensors.

What would be considered a normal light dusting of debris is shown below.



If an excessive amount of debris is found on any one of the speed sensors remove the transmission fluid pan.

Inspect for excessive metal debris on the magnets and refer to the following pictures to determine if the transmission needs to be replaced.



The amount of debris shown in this picture is normal. Please continue with diagnostics.



The amount of debris shown in this picture would not be considered normal. Contact the PQC and order a replacement transmission.

**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.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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