



GROUP
Engine

MODEL
2014-2015MY
Cadenza (VG)

NUMBER
PS320 (Rev 1, 10/17/2018)

DATE
May 2014



TECHNICAL OPERATIONS

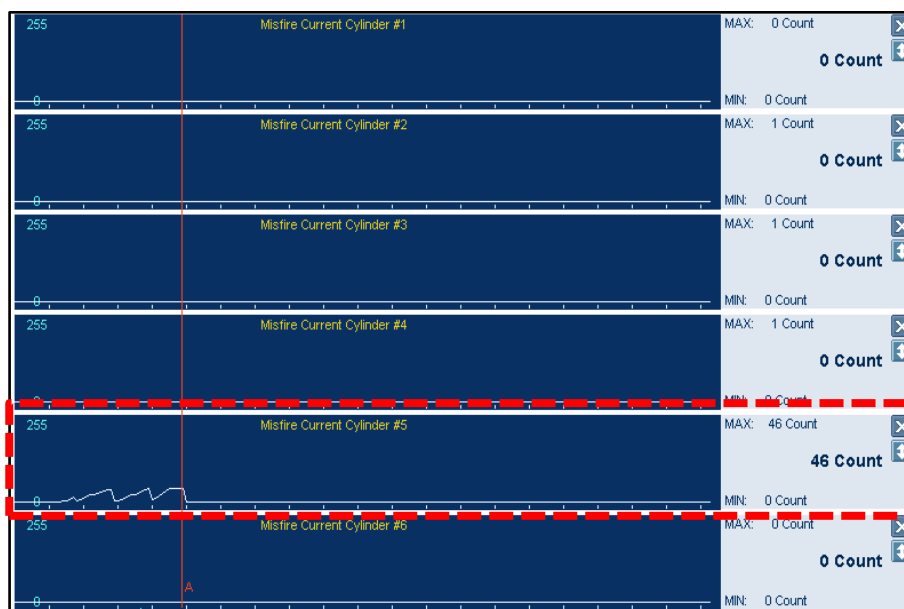
SUBJECT: ROUGH IDLE AFTER COLD START ON 3.3L GDI ENGINE

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

When addressing a customer complaint of rough idle, which occurs only on the first start of the day and lasts for 30-45 seconds, check for the possibility of poor injector performance in a particular cylinder. This concern may feel like a misfire, however, it is not an emissions or catalyst damaging misfire and it does not typically trigger any DTC(s). To diagnose this concern, go to **KDS** → **Data Analysis** → **Engine** and monitor for Current Misfire Counts on all 6 cylinders, during the first cold start in the morning, to assist in determining which cylinder is responsible for the rough idle condition. Replace only the injector for the affected cylinder. To verify the repair, recheck again after an overnight cold soak to make sure the rough idle condition is no longer present.

The example below shows a rough idle condition on cold start due to the injector in Cylinder #5.



Note: The Sorento (XMa) no longer applies to this Pitstop. Refer to [TSB FUE035](#) for an intermittent rough idle on cold start concern for 2014MY Sorento (XMa) 3.3L.