

## GPOP - Issue Review System

**Part Number:** 05033307AA

**Part Description:** Crank Position Sensor

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**Issue** Issue 1:~

**Description:** Prior to replacing the Crank Sensor Part Number 05033307AC, on any JS built between Nov. 12 and Dec. 8, 2007, and exhibiting a MIL with one or more of the following DTC's P0335, P0315, P0300, P0301, P0302, P0303, P0304, P0606 please refer to Rapid Response 08-023.~

Issue 2:~

Beginning in 2007 MY the crankshaft position sensor target / tone wheel tooth position learn for the engine misfire detection is a "stored value" and must be relearned: If the engine controller is swapped, engine/crank/short block is replaced without engine controller, or the crank sensor is removed for inspection / diagnostics, tightened, or replaced. Perform an (ECU / PCM) engine controller module RESET using the STAR SCAN service tool. Some PCMs will not reset with a battery disconnect. After resetting perform three closed throttle coast downs from 70 mph to 40 mph. This procedure will force the PCM to perform a crank position relearn. Failure to perform the above could result in misfire detection.~

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Contact Us at [CAGRIS@Chrysler.com](mailto:CAGRIS@Chrysler.com) for feedback related ONLY to this GPOP Tech Tip. DO NOT email regarding repair procedures unrelated to this Tech Tip or part order inquires. Please include the Part Number (s) and Tech Tip Part Description of the Tech Tip you are referencing for our tracking system.

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