



# TECH TIPS

**Dixie Part Numbers:** S-80366

**Applications:** 2008 – 2009 Chrysler 300, 300C and 300 Touring  
2008 – 2009 Dodge Charger  
2008 – 2009 Dodge Magnum  
2009 Chrysler Challenger

**NOTE:** In all applications this bulletin applies only to the 2.7L and 3.5L engines built before October 8, 2008 (MDH 0810xx)

**Condition:** The operator of the vehicle may complain of the malfunction indicator light coming on. The technician will observe diagnostic trouble code P0339 – *Crankshaft Position Sensor Intermittent*, in addition there may be other codes such as P0300 *Multiple Cylinder Misfire*, P1128 or P1129 *Closed Loop Fuelling Not Achieved (Bank 1 or 2)*. There may be damage to the flex plate or ring gear observed as well.

**Cause:** A possible cause for the above conditions is an incorrectly adjusted crankshaft position sensor.

**Correction:** Follow the manufacturer's recommended procedures for installing a shim, part number 68061031AA, on the crankshaft position sensor. In addition inspect the flex plate for possible damage and replace it if required following the manufacturer's recommended procedures.