



# TECH TIPS

**Dixie Part Numbers:** Not available S-80408

**Applications:** 2008 – 2009 Scion xD  
2009 Toyota Corolla  
2009 Toyota Matrix

**Condition:** The operator of the vehicle may complain of one or more of the following conditions:

- the engine cranks but fails to start
- the engine cranks for an extended period prior to starting
- the malfunction indicator lamp (engine warning lamp) is illuminated

The technician may find diagnostic trouble codes P030x or P0015 stored in the vehicles Powertrain Control Module (Engine Control Module).

**Cause:** A possible cause for the above conditions is an out of date logic file in the Powertrain Control Module.

**Correction:** If the vehicle exhibits the above conditions check under the hood for a decal showing *Authorized Modifications* the change authority should reference either S-SB-0032-09 on the Scion or T-SB-0032-09 on the Toyota applications. If there is no decal the Powertrain Control Module requires updating. Follow the manufacturer's recommended procedures for updating the logic file.