



TECH TIPS

Dixie Part Numbers: S-8738

Applications: 2005 – 2007 Toyota Corolla* up to VIN indicated below
2005 – 2007 Toyota Matrix (2WD)* up to VIN indicated below

* Model	Plant	Up to VIN
Corolla	Takaoka	JTDBR3_E_70136498
Corolla	NUMMI	1NXBR3_E_7Z923238
Matrix	TMMC	2T1BR3_E_7C844178
Matrix	TMMC	2T1KR3_E_7C679298

Condition: The operator of the vehicle may complain that the engine cranks but will not start. The technician may observe that one or more of the following diagnostic trouble codes are stored in the Powertrain Control Module (aka ECM in Toyota documentation):

- P0601
- P0606
- P0607

Cause: A potential cause for this is the vehicle's Powertrain Control Module. The manufacture has updated the Powertrain control module as shown in the table below.

Model	Suspect Part For 2005 Production	Suspect Part For 2006 Production	Suspect Part For 2007 Production	Updated Part
Corolla or Matrix with automatic transmission	89661-02C0_ 89661-02C1_ 89661-0112_ 89661-0113_	89661-02C9_ 89661-02D0_ 89661-02D4_ 89661-02D5_	89661-02K10 89661-02K20 89661-02K30 89661-02K40	89661-02K11 89661-02K21 89661-02K31 89661-02K41
Corolla or Matrix with manual transmission	89661-0Z04_	89661-02D1_	89661-02K50	89661-02K51

Correction: Follow the manufacturer's recommended diagnostic and replacement procedure to update the Powertrain Control Module, if required.