

Subject Hard Start or Poor Idle After 12 Volt Power Interruption		Market USA
Service Category Engine/Hybrid System	Section Engine Control	
Applicability Models with Electronic Throttle Control		

APPLICABLE VEHICLES

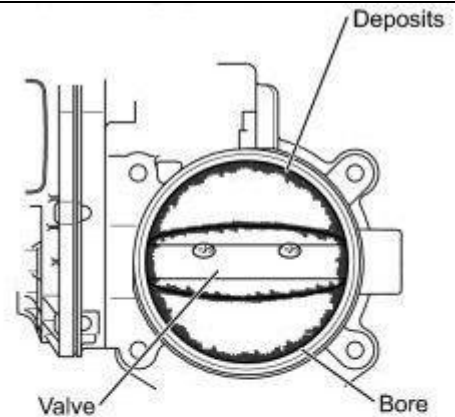
All models equipped with Electronic Throttle Control System (ETCS).

CONDITION

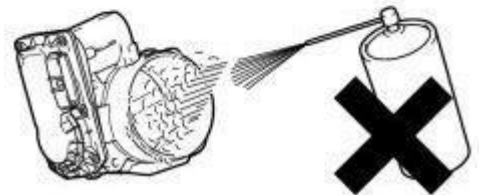
- The vehicle may be difficult to start or have an abnormally low or rough idle after the battery has been disconnected or power to the Engine ECM has been interrupted.

RECOMMENDATIONS

- Inspect the throttle body for excessive deposits.
- Clean deposits using a rag that has been sprayed with Throttle Plate Cleaner.
- Once the cleaning is complete, allow the engine to idle for at least 3 minutes after reaching full operating temperature.



Do not directly apply cleaner



NOTICE
Do not spray cleaning chemicals directly into the throttle body. The solution can carry contamination through the throttle shaft and damage the throttle motor or position sensor