

Smart Key Battery Diagnostics

Service Category Vehicle Interior

Section Theft Deterrent/Keyless Entry

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010 – 2011	4Runner	
2005 – 2011	Avalon	
2007 – 2011	Camry, Camry HV	
2008 – 2011	Highlander, Highlander HV, Land Cruiser	
2004 – 2011	Prius	
2009 – 2011	RAV4, Venza	
2011	Sienna	

TSB REVISION NOTICE

- **July 2, 2010 Rev1:**
 - **Applicability has been updated to include 2009 - 2011 model years.**
 - **Figure 1 has been updated.**

Any previous printed versions of this service bulletin should be discarded.

Smart Key Battery Diagnostics

Introduction

Some customers may experience limited battery life in their Smart Keys. The Smart Key “wakes up” by receiving a “ping” or electronic noise. Many electronic devices emit a “ping” or electronic noise, therefore the Smart Key(s) could wake up when in the presence of these items resulting in reduced battery life.

If the Smart Key(s) is stored near any of the following components, battery life may be reduced:

- TVs or computer monitors
- DVD or VCR units
- Desktop PCs or notebooks
- Cordless phones or cell phones
- Microwave ovens or other electronic cooking appliances
- Modems
- Certain lighting fixtures

NOTE

It is recommended to keep the Smart Key(s) at least one meter (40 inches) from these electronic devices.

Warranty Information

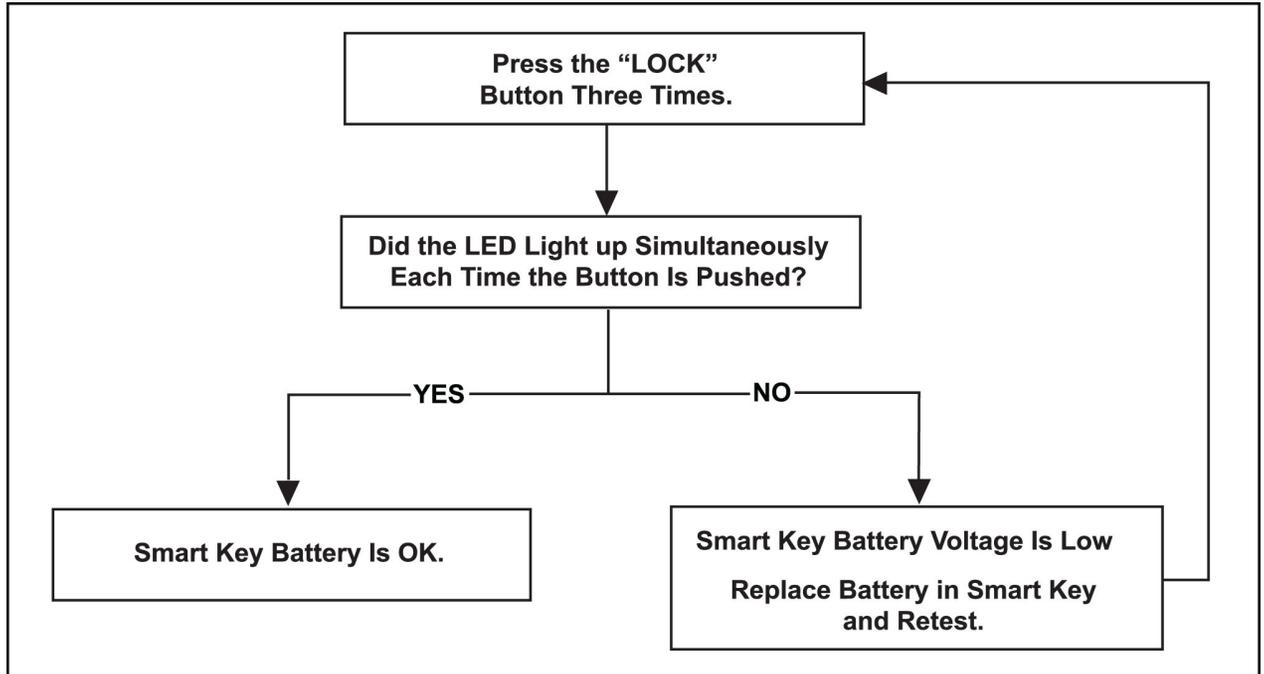
OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

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Diagnostic Procedure

Use the following flowchart to test the Smart Key battery.

Figure 1.



NOTE

- Check all Smart Keys.
- If the Smart Key(s) fails the test after battery replacement, refer to the appropriate repair manual section Smart Key Transponder and/or Smart Key Diagnostics.