



**Technical Service
Information Bulletin**

August 26, 2002

Title:

IMMOBILIZER KEY CODE RESET

Models:

**Applicable ES 300, GS 430/300, IS 300,
& LX 470**

REVISED

SS002-01

SPECIAL SERVICE TOOLS

TSB REVISION NOTICE:

The information contained in this TSIB supercedes the original SS002-01. Previous TSIBs should be discarded.

Introduction

Immobilizer Reset is a new feature that allows the registration of a new Master Key even if all original Master Keys are lost. Once the Immobilizer system is reset, all previously registered keys will be erased.

Applicable Vehicles

MODEL YEAR	MODEL	ENGINE MODEL
2001 & Later*	GS 430	3UZ
	LX 470	2UZ
2002 & Later*	ES 300	1MZ
	IS 300	2JZ
	GS 300	

* Immobilizer Key Code Reset procedure is not available for prior model years.

NOTE:

Refer to TIS (Technical Information System) for the most current applicable vehicle information.

Required Tools & Material

TOOLS & MATERIAL	PART NUMBER	QUANTITY
Lexus Diagnostic Tester Kit* 	01001270	1
12 Megabyte Diagnostic Tester Program Card with version 9.01a Software (or later)* 	01001895-005	1

* Essential SSTs.

NOTE:

Additional Diagnostic Tester Kits or Program Cards may be ordered by calling OTC at 1-800-933-8335.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	-	-	-	-



**Parts
Information**

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME
N/A	Model Specific	Replacement Key (Master or Sub)

**Function
Description**

The Immobilizer Reset function is a 5-step process:

1. Using the Diagnostic Tester, retrieve a “Seed Number” through the **OBD/MOBD Immobilizer** function.
 - A “Seed Number” is a unique number provided by the Diagnostic Tester and validated by TIS (Technical Information System) in order to return a Passcode.
2. Using TIS (Technical Information System), select **Immobilizer Reset**, and complete the request form to retrieve a “Passcode Number.”
 - A “Passcode Number” is a unique number required by the Diagnostic Tester to reset the ECU allowing it to accept a new Master Key.
3. Enter the “Passcode Number” received from TIS into the Diagnostic Tester.
4. Confirm successful Immobilizer reset and new Master Key registration.
5. Register any additional customer keys.

Key Code
Reset
Procedure

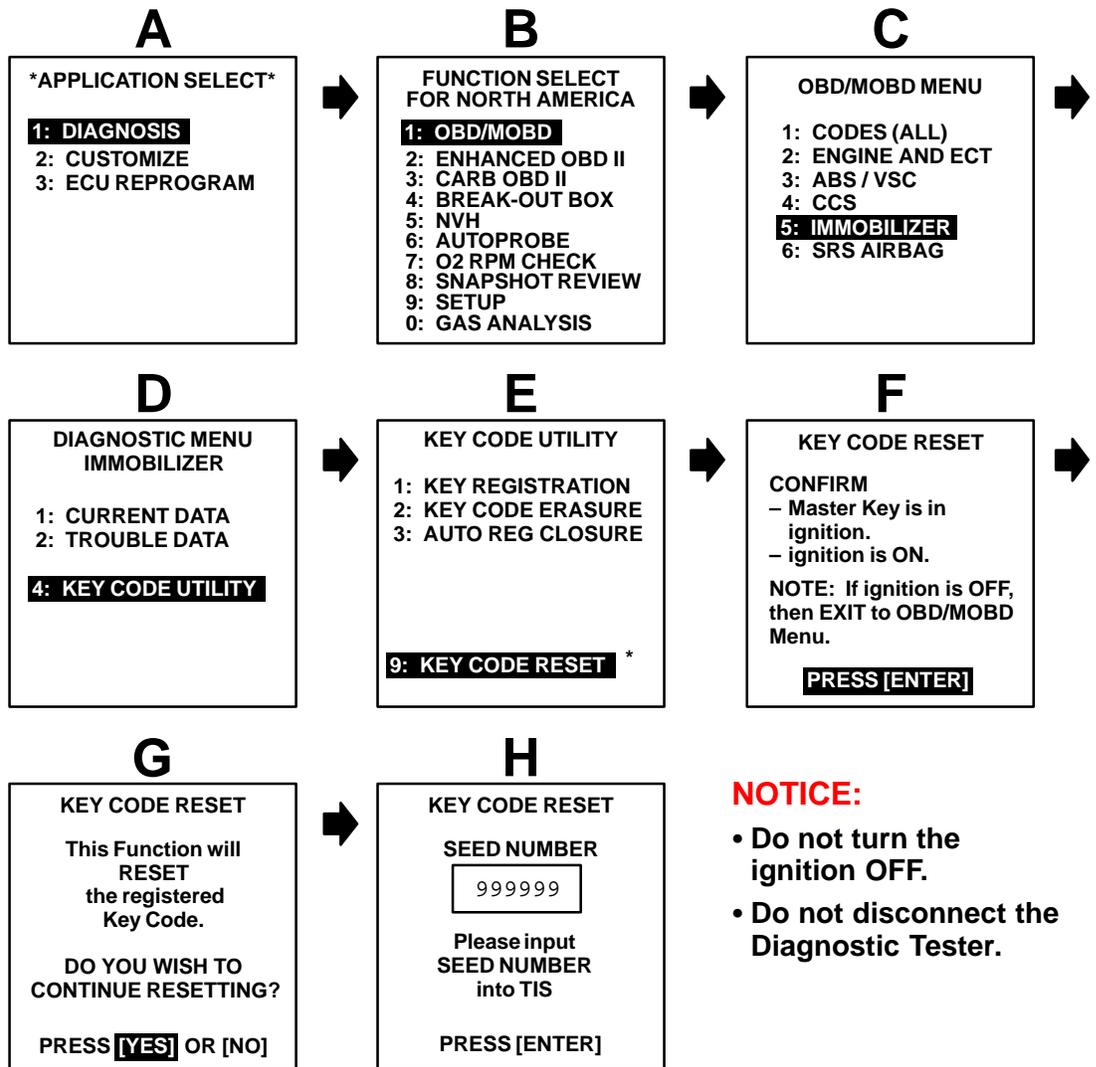
NOTE:

Ensure that the Diagnostic Tester is equipped with the latest version of software (9.01a or later).

Connect the Diagnostic Tester to DLC3 and turn ignition ON.

- Using the Diagnostic Tester, follow the screen flows below to retrieve the “Seed Number.” (**DO NOT DISCONNECT** the Diagnostic Tester from the vehicle during this process.)

FIGURE 2. DIAGNOSTIC TESTER SCREEN FLOW



NOTICE:

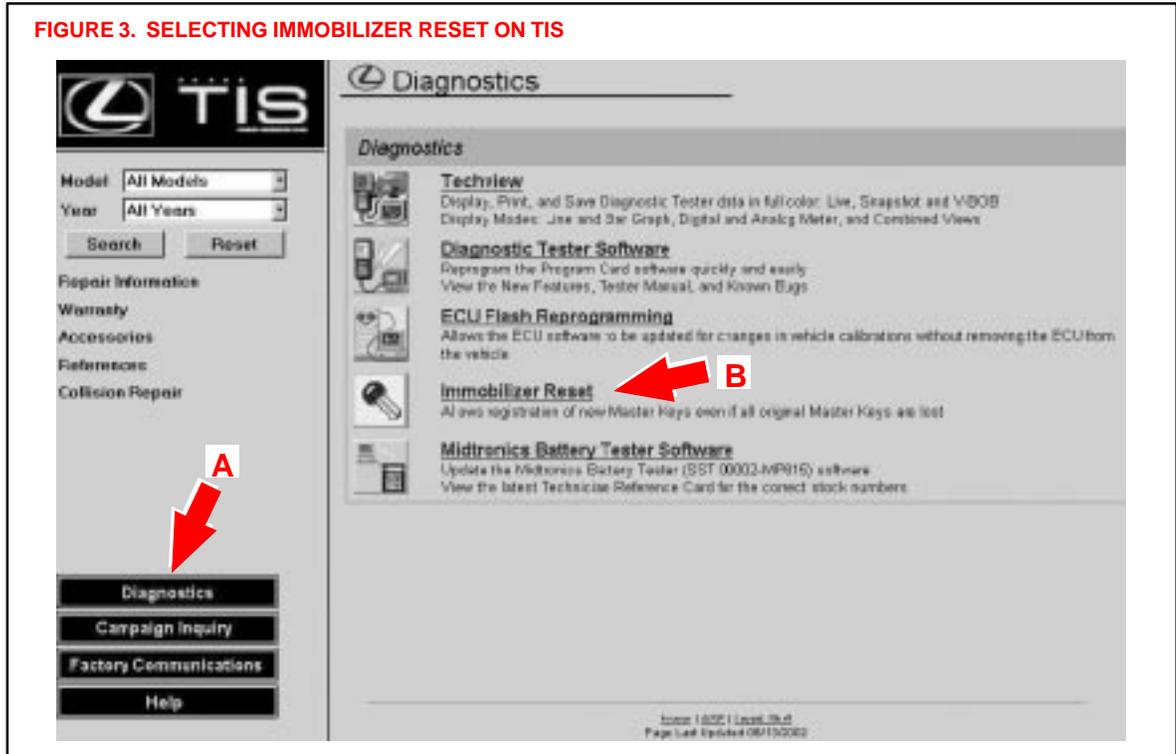
- Do not turn the ignition OFF.
- Do not disconnect the Diagnostic Tester.

* Option “9: KEY CODE RESET” will not appear if your present vehicle does not support the key code reset functions.

Key Code Reset Procedure
(Continued)

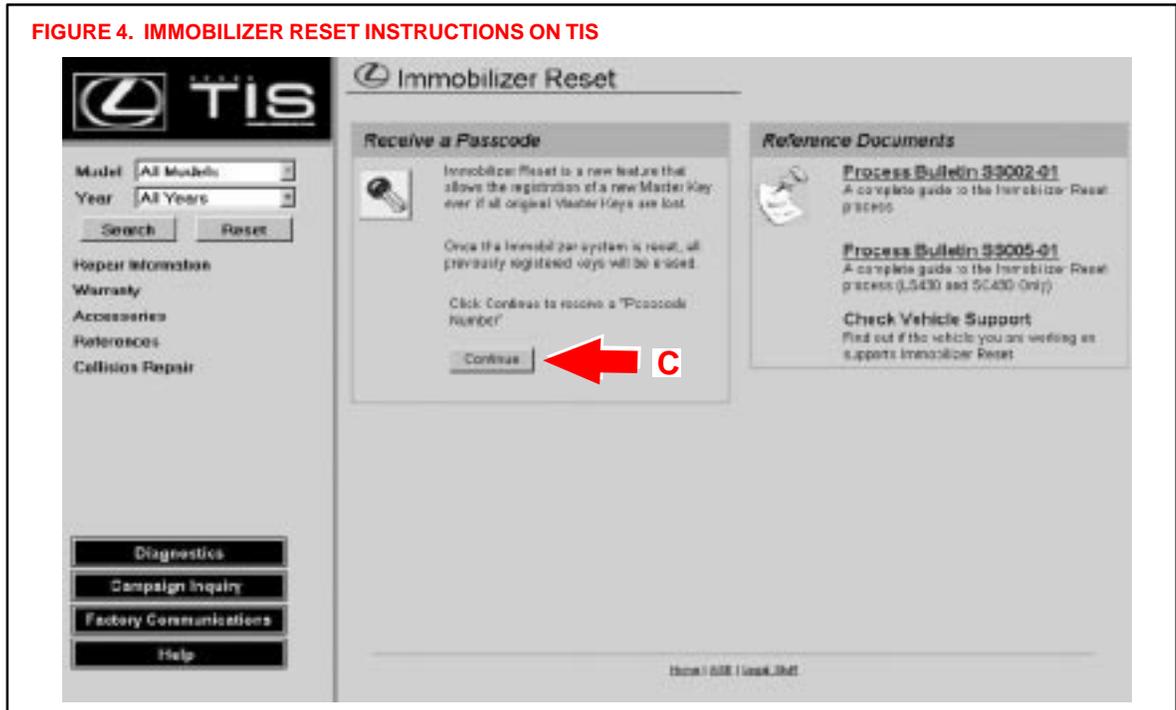
2. Using TIS (Technical Information System), select **Immobilizer Reset**, and complete the request form to retrieve a “Passcode Number.”
 - A. Click on **Diagnostics**.
 - B. Click on **Immobilizer Reset**.

FIGURE 3. SELECTING IMMOBILIZER RESET ON TIS



- C. Read the instructions on the screen and click on **Continue**.
(See Figure 4 below.)

FIGURE 4. IMMOBILIZER RESET INSTRUCTIONS ON TIS



**Key Code
Reset
Procedure
(Continued)**

D. Complete the request form and enter the “Seed Number” from the Diagnostic Tester. Click on **Request Passcode** (Figure 5).

NOTE:
All fields must be completed.

FIGURE 5. REQUEST FORM ON TIS

E. TIS will now return the Passcode that needs to be entered into the Diagnostic Tester.

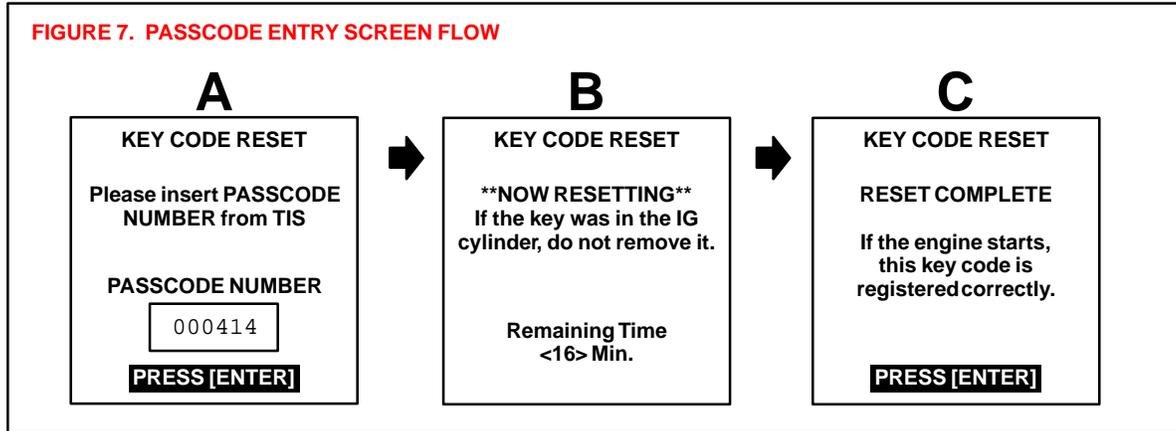
NOTE:
The Passcode given by TIS is only valid for one Immobilizer Reset Event.

FIGURE 6. RECEIVING PASSCODE FOR DIAGNOSTIC TESTER

Key Code Reset Procedure
(Continued)

- Using the numbered keys (0–9) on the Diagnostic Tester, enter the “Passcode Number” received from TIS. (See Figure 7 below.) Press **ENTER** to clear all registered key codes.

NOTE:
Key Code Reset takes approximately 16 minutes.



- Confirm successful Immobilizer reset and new Master Key registration by starting the vehicle.

NOTE:
If the vehicle starts, the new Master Key code is registered correctly.
If the vehicle does not start, perform the Immobilizer Reset function again.

- All previously registered key codes have been erased except the Master Key used during “Key Code Reset.” Register any additional customer keys by using “Key Registration.” Each key will start the engine if registered correctly.
 - Please refer to TSIB No. SS006–99, “Scantool Immobilizer Key Code Utility,” for additional detail on this procedure.

