TOYOTA Technical Service Bulletin

# Smart Key Immobilizer Reset and Add/Remove Key

Service

Category Vehicle Interior

Section The	ft Deterrent/Keyless Entry	Market USA	Toyota Supports
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#### Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022 - 2024	4Runner, Corolla Cross, Corolla Cross HV, Prius, Prius Prime, Sequoia HV, Tundra, Tundra HV	
2019 - 2022	Avalon, Avalon HV	
2019 - 2024	Corolla Hatchback, RAV4, RAV4 HV	
2020 - 2024	Corolla, Corolla HV	
2023 - 2024	Crown, GR Corolla	
2024	Grand Highlander, Grand Highlander HV, Tacoma, Tacoma HV	
2021 - 2024	Highlander, Highlander HV, Mirai, RAV4 Prime, Sienna HV, Venza HV	

#### SUPERSESSION NOTICE

The information contained in this bulletin supersedes Service Bulletin No. T-SB-0064-18.

- Applicability has been updated to include 2022 model year Avalon and Avalon Hybrid; 2022 – 2024 model year 4Runner, Corolla, Corolla Cross, Corolla Cross Hybrid, Corolla Hatchback, Corolla Hybrid, Highlander, Highlander Hybrid, Mirai, Prius, Prius Prime, RAV4, RAV4 Hybrid, RAV4 Prime, Sienna Hybrid, Sequoia Hybrid, Tundra, Tundra Hybrid, and Venza Hybrid; 2023 – 2024 model year Crown and GR Corolla; and 2024 model year Grand Highlander, Grand Highlander Hybrid, Tacoma, and Tacoma Hybrid vehicles.
- The Opening Smart Access in GTS+, Pre-approved Immobilizer Reset Smart Code Registration, and Undesignated Key Permanent Erasure sections have been updated.

Service Bulletin No. T-SB-0064-18 is obsolete, and any printed versions should be discarded.

### Introduction

The Immobilizer and Smart Key Reset is a feature that allows the registration of new keys when all master keys are lost. Once the system is reset, all previously registered keys will be erased and can never be reused. Another feature, Add/Remove Key, is also available. Once a key is removed, it can never be reused.

Follow the procedures in this bulletin to reset a vehicle Immobilizer or Smart Key system and to add and/or remove a key.

## NOTICE

When performing a Smart Code Reset, ALL registered keys are erased and CANNOT be used again on ANY vehicle. For Undesignated Key Permanent Erasure utility, ONLY the keys that are NOT present will be removed. ANY keys that are NOT present can never be reused.

### Warranty Information

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

## **Required Tools & Equipment**

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY	
Techstream ADVi*		TSADVUNIT	- 1	
Techstream 2.0		TS2UNIT		
Techstream Lite	ADE	TSLITEPDLR01		
Techstream Lite (Green Cable)		TSLP2DLR01		

\*Essential SST.

### NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2023.04.003.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool*	<u>DCA-8000P T</u>	1

\*Essential SST.

### NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

## Symptom Chart

SYMPTOM	ACTION	PROCEDURE	PG.
Lost ALL Keys	Delete ALL Keys	Immobilizer Reset	<u>7</u>
Add NEW Keys to Vehicle	Add More Than One New Key if Performed Post Immobilizer Reset	Smart Code Registration	<u>24</u>
Key(s) is (are) Lost or Stolen and/or Request to Remove ANY Key NOT Present From the Vehicle	Delete One or More Keys, NOT ALL Keys	Undesignated Key Permanent Erasure	<u>31</u>

## NOTE

If ALL keys are lost, refer to the applicable Repair Manual and follow the process for establishing communication. It may also be necessary to maintain communication during the entire procedure by actions such as pushing the doorjamb courtesy switch or flashing the high beams. Do NOT cycle the engine switch to keep the ECU awake.

### Procedures

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•	Smart Code Registration	24
•	Undesignated Key Permanent Erasure	31

### Security Authorization for the Reset Pass-code

Improved security measures have been implemented in TIS and there are additional parameters obtained from the vehicle during Immobilizer Reset. A secondary approval by dealer management is required each time an Immobilizer or Smart Key Reset is performed.

Please review the following flowchart and become familiar with the options outlined BEFORE attempting a reset.



#### Figure 1. Immobilizer Reset Process

### Security Authorization for the Reset Pass-code (continued)

Key Points:

- The reset request can be submitted from GTS+ in the vehicle or on TIS BEFORE the vehicle is available.
- A single management approval can be used multiple times for the same VIN until the vehicle repair is complete.
- Each reset attempt for the same VIN will generate a NEW seed number and a unique passcode.
- The request and approval hand-off between the technician and management is completed on the TIS home page inbox, accessed at each individual's location (GTS+, office, etc.).

## Main Steps:

- 1. Obtain Authorization
  - A. Technician Reset Approval Request
  - B. Manager Access TIS Inbox Message and Approval
- 2. Perform Reset Via GTS+
  - A. Access Approval TIS Inbox Message
  - B. Perform Reset at Vehicle

## Variations:

- 1. Pre-approval BEFORE Vehicle is Accessed (per Main Steps)
- 2. Request and Receive Approval From GTS+ AFTER Entering the Reset Utility
- 3. Repeated Reset Attempts With GTS+ by Accessing the Single Approval File

## Approving Managers:

Once the Pass-Code Request form is completed, an approval request will be sent to ALL approving managers. Dealership personnel with the following job titles in Staffmaster are granted passcode approval capability: *Dealer Principal, General Manager, Service Manager, Service Director, Service/Parts Director, Parts Manager, Parts Director, Customer Relations Manager, Customer Satisfaction Manager, Shop Foreman, Diagnostic Specialist, Team Leader.* 

Each dealer MUST have AT LEAST two enrolled managers to access ANY passcodes.

Please review the GTS+ and TIS screenshots in this bulletin to become familiar with the management authorization process flow.

## **Reset Approval Request (TIS Pre-approval)**

- 1. Open TIS Diagnostics Immobilizer Reset.
- 2. Log in using your password.

igure 2.	
Home         TIS         Service Lane	TOYOTA Help My Account Logo
O Library 🖲 Diagnostics O Tech Assistance O Vehicle	Inquiry
ScanTool Reprogramming Immobilizer Reset Add / Rem	nove Key Key Code Telematics Navigation Tools & Equipment
Immobilizer Reset	Reference Documents
Receive a Passcode Immobilizer and Smart Key Code Reset allows the registration of a new Master Key even if all original Master Keys are lost. Once the Immobilizer and/or Smart Key Code is reset, all previously registered key codes will be erased. Re-enter your Password below to proceed to the Immobilizer and Smart Key Code Reset form. Password: Clear Login	Toyota Process Bulletin T-SB-0043-14         A complete guide to the Immobilizer Key Code Reset process for NON-Transponder ECU equipped models         Toyota / Scion Process Bulletin SS003-02         A complete guide to Immobilizer functions for Transponder ECU equipped models         Toyota / Scion Vehicle Support         Find out if the vehicle you are working on supports Immobilizer Reset         Toyota PANT Bulletin 2014-050         Find out what to do if the vehicle does not support Immobilizer Reset

- 3. Populate the boxes with the correct information. Then, read the Positive Identification Policy and check the boxes once the indicated tasks are completed.
- 4. Select Next to continue.

Figure 3.

	Please complete the following fields to receive a passcode.
	Dealer Code:
	Dealer Name:
	Technician Name:
	Vehicle VIN: (17 digit VIN)
	*Repair Order/Parts Invoice Number:
	*Customer Last Name:
Positi	ve Identification Policy
+	I have verified the customer's authority to obtain vehicle security information for this vehicle.
-	I have verified the customer's full legal name and confirmed their identity with a valid picture ID.
*	I have or will visually confirm the vehicle's registration document and ownership.
•	I agree to the TIS Terms and Conditions.
(*) - 1	Indicates Required Field(s)
Note: of eac	Details of this transaction will be included in the Monthly Vehicle Security Transaction Report sent to the Dealer GM. Also, a log h transaction is sent to the National Insurance Crime Bureau.
	Back Clear Nevt

## Reset Approval Request (TIS Pre-approval) (continued)

5. AFTER two or more managers are selected, select Submit.

#### NOTE

It is required to select AT LEAST two managers. Each request MUST receive approval by one manager.

#### Figure 4.

mmahilizer Reset	Select a minimum fitwo managers from the list below and clic continue. Each request requires approval from one manager.	ck Submit to	
Please complete the followi Dealer Code: 6 Dealer Name: D Technician Name: T Vehicle VIN: Vehicle V	Example Manager 1 Example Manager 2 Example Manager 3 Example Manager 4 Example Manager 5 Example Manager 6 Example Manager 7	Submit Cance	e Reset process for NON- Transponder ECU equipped ports Immobilizer Reset port Immobilizer Reset
(*) - Indicator Required Sield(c)			_

### **Opening Smart Access in GTS+**

Review the GTS+ and TIS screenshots in this bulletin.

## NOTE

If ALL keys are lost, refer to the applicable Repair Manual and follow the process for establishing communication. It may also be necessary to maintain communication during the entire procedure by actions such as pushing the doorjamb courtesy switch or flashing the high beams. Do NOT cycle the engine switch to keep the ECU awake.

### **Opening Smart Access in GTS+ (continued)**

1. Connect GTS+ to the vehicle.

If the ignition CANNOT be turned on or the information does NOT automatically populate, choose the appropriate vehicle model and year and enter the VIN in ALL capital letters.

#### NOTE

If the battery is low of charge, attaching a battery charger may be necessary to maintain battery voltage during Immobilizer Reset.

- The battery diagnostic tool MUST be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the battery diagnostic tool, refer to the <u>DCA-8000</u> <u>Instruction Manual</u> located at TIS – Diagnostics – Tools & Equipment – Battery Diagnostics.

#### Figure 5.

TOYOTA   GTS+ (()) ONLINE			Region : NA	-	්	?
Vehicle Connection						
Confirm the Information and press Next Required information						
VIN:	VIN reacquisition	VIN manual input				
Division:	ΤΟΥΟΤΑ				~	
Model:	< Select >				~	
Model Year:					~	
Engine:					~	
						-

### **Opening Smart Access in GTS+ (continued)**

2. After connecting to the vehicle, Select System Select from the main menu, then select the Smart Access or Smart Key ECU.

Figure	6.					
	D TOYOTA   GTS+ (()) ONLINE			Region : NA	Ð	r∄ i ?
2023	Tundra HEV V35A-FTS	P	roduct	tion Date 01/19/2023   17460mi	le Batte	ery:14.4V
Syste	m Select					
	JS					
	communication OK					
	<ul> <li>communication OK in past times but not responding now.</li> <li>status unknown</li> </ul>					
ECU Status	System Name		ECU Status	System Name		
0	Active Noise Control	R	0	Front Radar Sensor		
0	Road Sign Assist			Pre-Collision System		
$\bigcirc$	Front Recognition Camera (Front Lighting Control)	Fi		Clearance Warning		F
$\bigcirc$	Smart Key	-		Central Gateway		
	SRS Airbag	Fi		Main Body		F
$\bigcirc$	Air Conditioner	Fi		Power Source Control		F
$\bigcirc$	Acoustic Vehicle Alerting System			Telematics		Fi
0	Blind Spot Monitor "B"			Blind Spot Monitor "A"		Fi
$\odot$	Headlight Control	R		Headlight Control (Sub)		

## Pre-approved Immobilizer Reset

Please review the GTS+ and TIS screenshots in this bulletin.

1. Select Smart Code Reset from the Utility menu.

### Figure 7.

😑 🐵 ΤΟΥΟΤΑ   GTS+ 🔞 ONLINE	Region : NA 🔹 🎝 🗗	i ?
2023 Tundra HEV V35A-FTS	Production Date 01/19/2023   17460mile Battery:	14.4V
Smart Key         DTC         Data List         Active Test         Utility           Select desired Utility and then press Next button.         Select button.<	Dual Data List	
All Readiness	<introduction></introduction>	
Vehicle Control History (RoB)	This function is used to erase all registered Smart Codes.	
Owner's Digital Key New Registration	repair manual or the Service Bulletin.	
Digital Key Code Reset		
Guest Digital Key Code Reset	<usage></usage>	
Communication Check(Key Diag Mode)	ose this function to cruse at ontart codes in case of tosing at keys.	
ECU Communication ID Registration		
Smart Code Registration		
Smart Code Reset		
Undesignated Key Permanent Erasure		

### Pre-approved Immobilizer Reset (continued)

2. Read the warning, check I agree, then select Next.



3. Open the driver's door, check I understand, then select Next.

#### Figure 9.

Smart Code Reset (SMRT-18-001)	
	Help
Welcome to the Smart Code Reset utility.	
This function will erase all smart codes.	
Confirm that the drivers door is open.	
☑ I understand	
	1
Next > Exit	
	276

## Pre-approved Immobilizer Reset (continued)

4. Select Get Pass-Code.

Figure 10.	
Smart Code Reset (SMRT-18-002)	
	Help
Step 1 of 2	
Input Seed Number on TIS to retrieve a then input a Pass-Code and then press	Pass-Code, Next.
Seed Number:	
c8f0e0e517c75ffe80722878d d1e02172ed31b8e7022d8a59c 3c2ac1045136c5b321aad5662 11a535b282b61ca625ccf	Get Pass-Code
Pass-Code Number:	
	Input
< Back Next >	Exit

5. Copy may be selected to copy the seed number to the computer's clipboard. Select Send to open a link to TIS.

## Figure 11.

	Step	l of 2
nart Coo	le Reset	
	c8f0e0e517c7 d1e02172ed31 3c2ac1045136e 11a535b282b63	offe80722878d 08e7022d8a59c 5b321aad5662 Lca625ccf
2	Press "Send" to se to the Smart Code Press "Copy" to co to the Clipboard.	end the Seed Number Reset webpage. ppy the Seed Number
	Send	Сору

## NOTE

- If the management approval file for this VIN exists in your TIS inbox, do NOT follow the next three steps to resubmit a request. Go to the <u>Approved Immobilizer Reset</u> section on pg. 17.
- If management approval is already received, open the approval file in your TIS inbox and enter the most recent seed number to get the passcode.

### Pre-approved Immobilizer Reset (continued)

- 6. Make sure the Immobilizer Reset tab is selected.
- 7. Enter the password and click Login.



8. Fill in the required information, then select Next.

#### Figure 13.

	ScanTool	Calibrations	Immobilizer Reset	Key Code	Telematics
ey co	de Keset				
	F	lease complete the f	following fields to receive	a passcode.	
		tisaler ( ode			
		Dealer Name			
		Technician Name			
		"Vehicle VIN	E 🗌 🗌	(17 digit VIN)	
10	*Repair O	rder/Parts Invoice Number			
		"Customer Last Name			
Positi	ve Identification Policy				
•	I have verified the custo	mer's authority to obtain	vehicle security information for	this vehicle.	
- L	I have verified the custo	mer's full legal name and o	confirmed their identity with a v	alid picture ID.	
· [	I have or will visually co	nfirm the vehicle's registra	tion document and ownership.		
* <b>Г</b>	I agree to the TIS Term	and Conditions.			
(*) - 1	ndicates Required Field(s)				
Note: of eac	Details of this transaction h transaction is sent to th	will be included in the Mo e National Insurance Crim	onthly Vehicle Security Transact le Bureau.	ion Report sent to the Deal	er GM. Also, a io

## Pre-approved Immobilizer Reset (continued)

9. AFTER two or more managers are selected, select Submit.

#### NOTE

It is required to select AT LEAST two managers. Each request MUST receive approval from one manager.

F	ig	ur	е	1	4.	
---	----	----	---	---	----	--

Scan Lool Reprogramm	Select a minimum of two managers from the list below and continue. Each request requires approval from one manage	d click Submit to er.	navigation   Tools & Equipment
Please complete the follow Dealer Code: 6 Dealer Name: D Technician Name: T Vehicle VIN: [ V Repair Order/Parts Invoice [ Number: Customer Last Name: [ Positive Identification Policy I have verified the customer's ful with a valid picture ID. I have or will visually confirm the ownership. I agree to the TIS Terms of Use.	Example Manager 1 Example Manager 2 Example Manager 3 Example Manager 4 Example Manager 5 Example Manager 6 Example Manager 7	Submit Cance	e Reset process for NON- Transponder ECU equipped ports Immobilizer Reset port Immobilizer Reset
(*) - Indicates Required Field(s)	e included in the Monthly Vehicle Security		_

10. After manager approval is received, go to the <u>Approved Immobilizer Reset</u> section on pg. 17.

### Manager Approval

Please reference the TIS screenshots in this bulletin.

- 1. AFTER the request is submitted, one of the authorized dealer managers will locate the technician's request in their TIS home page inbox.
- 2. Select the title to open the Request.

3. Read the Request Approval Policy, then

4. Select Approve to send the approval to

are completed.

the technician.

check the boxes AFTER the indicated tasks

#### Figure 15.

Inbox	
Select All De	lete Refresh
02/14/2018	new Approval Required: Immobilizer Reset Request No. 18021400670
02/13/2018	new Safety Recall JLB (J2B Interim): Multiple Models/Years; High Pressure Fuel Pumps
01/30/2018	new Safety Recall JLA (J2A) - Interim: 15-16 NX & 16 RX; Airbag Sensor
01/25/2018	new Resolved - Intermittent TAS Phone System Outages

#### Figure 16.

Doquort Dotailer	
Kequest Details:	
Request No:	18021400670
Dealer Code:	60473
Dealer Name:	DEALER DAILY TEST LEXUS
Technician Name:	
Vehicle VIN:	JTHB51F
Repair Order/Parts Invoice Number:	123456
Customer Last Name:	
Positive Identificat	ion Policy
I have verified the for this vehicle.	customer's authority to obtain vehicle security information
I have verified the a valid picture ID.	customer's full legal name and confirmed their identity with
I have or will visua ownership.	Ily confirm the vehicle's registration document and
I agree to the TIS	Terms of Use.
Request Approval P	Policy
Request Approval P * I have verified th authority of the c	Policy ne details entered for this request and confirmed the sustomer was verified.
Request Approval P *  I have verified th authority of the c *  I realize that upo Insurance Crime	Policy ne details entered for this request and confirmed the sustomer was verified. nn retrieval, a transaction log will be posted to the National Bureau.
Request Approval P * ✓ I have verified th authority of the c * ✓ I realize that upo Insurance Crime * ✓ I agree to the TI	<b>Policy</b> use details entered for this request and confirmed the sustomer was verified. In retrieval, a transaction log will be posted to the National Bureau. S Terms of Use.
Request Approval F *  I have verified th authority of the c *  I realize that upo Insurance Crime *  I agree to the TI (*) - Indicates Require	Policy ne details entered for this request and confirmed the customer was verified. In retrieval, a transaction log will be posted to the National Bureau. S Terms of Use. ed Field(s)
Request Approval F * I have verified th authority of the c * I realize that upo Insurance Crime * I agree to the TI (*) - Indicates Requin This request will expir at 02/17/2018 01:0	Policy en details entered for this request and confirmed the sustomer was verified. on retrieval, a transaction log will be posted to the National Bureau. S Terms of Use. ed Field(s) re in 72 hours from the time of receipt of this message II PM CST.
Request Approval F ★ I have verified th authority of the c ★ I realize that upo Insurance Crime ★ I agree to the TI (*) - Indicates Requin This request will expir at 02/17/2018 01:0 For assistance, please Note: Details of this t Transaction Report se the National Insurance	Policy e details entered for this request and confirmed the sustomer was verified. In retrieval, a transaction log will be posted to the National Bureau. S Terms of Use. ed Field(s) re in 72 hours from the time of receipt of this message DI PM CST. In contact the Dealer Daily Helpdesk. ransaction will be included in the Monthly Vehicle Security nt to the Dealer GM. Also, a log of each transaction is sent e Crime Bureau.

### **Approved Immobilizer Reset**

Please reference the GTS+ and TIS screenshots in this bulletin.

- AFTER approval is received by management, open the TIS inbox and locate the Immobilizer Reset Request.
- 2. Select the title to open the approval.

3. Select the Immobilizer Reset link.

#### NOTE

- It is recommended to retrieve the passcode from the GTS+ connected to the vehicle as the seed number and passcode work together.
- AFTER approval is received by management, multiple resets can be performed for a single VIN. Each attempt will create a NEW seed number and resultant passcode.

#### Figure 17.

Inbox	
Select All	elete Refresh
02/14/201	8 new Immobilizer Reset Request No. 18021400670 has been Approved
02/14/201	8 Approval Required: Immobilizer Reset Request No. 18021400670
02/13/201	8 new Safety Recall JLB (J2B Interim): Multiple Models/Years; High Pressure Fuel Pumps
01/30/201	8 <mark>new</mark> Safety Recall JLA (J2A) - Interim: 15-16 NX & 16 RX; Airbag Sensor

Figure 18.



### Approved Immobilizer Reset (continued)

- 4. Make sure the Immobilizer Reset tab is selected.
- 5. Enter the password and select Login.



- 6. Enter the GTS+ software version and paste the seed number from GTS+.
- 7. Select Next.

Fi	a		r٥	2	n
	У	u	I C	~	υ.

	ScanTool	Calibrations	Immobilizer Reset	Key Code	Telematics	Navigation
y C	ode Reset					
		Please	complete the following fiel	ds to receive a pas	scode.	
			Request No:			
			Dealer Code:			
			Dealer Name:			
			Technician Name:			
			Vehicle VIN:			
		Repair O	rder/Parts Invoice Number:			
			Customer Last Name:			
		"Te	echstream Software Version			
			"Seed Number [ (from scantool):		]	
sit	ive Identification Polic	CV .				
	I have verified the cus	tomer's authority to ob	tain vehicle security information	on for this vehicle.		
	I have verified the cus	tomer's full legal name	and confirmed their identity w	ith a valid picture ID.		
	I have or will visually a	confirm the vehicle's re	distration document and owne	rship.		
	I agree to the Terms a	and Conditions.				
nt t	Details of this transactio o the National Insurance	n will be included in the Crime Bureau.	Monthly Vehicle Security Tran	nsaction Report sent to	the Dealer GM. Also, a lo	of each transaction is
) - 1	Indicates Required Field(s	i)				
įue	est Status for Request	No: 14063000028	A.			
	Request Sta	tus: Approved		Request Time:		
	Mana	ger:		Approval Valid Till:		

Figure 21.

## Smart Key Immobilizer Reset and Add/Remove Key

### Approved Immobilizer Reset (continued)

8. Retrieve the passcode in the location shown.

#### NOTE

- Do NOT resubmit another approval for this vehicle if the file from management has been received in TIS and it shows the approval status for the given VIN.
- Open the approval file and enter a NEW seed number to get the unique passcode for each attempt.

#### O Library Diagnostics Q Tech Assistance O Vehicle In nobilizer Reset Key Code Reset **Request Details** Request No: Dealer Code: Dealer Name: Technician Name: Vehicle VIN: Repair Order/Parts Invoice Number: Customer Last Name: Techstream Software Version: **Positive Identification Policy** $\overrightarrow{\mbox{ I}}$ I have verified the customer's authority to obtain vehicle security information for this vehicle. I have verified the customer's full legal name and confirmed their identity with a valid picture ID. I have or will visually confirm the vehicle's registration document and ownership. I agree to the TIS Terms and Conditions. Request Approval Policy I have verified the details entered for this request and confirmed the authority of the customer was verified. 1 I realize that upon retrieval, a transaction log will be posted Insurance Crime Bureau. e National I agree to the TIS Terms and Conditions. Thank You Your Immbobilizer Passcode : 073082 Click the button below to return to the Immobilizer Reset Home Page

Immobilizer Reset Home

9. AFTER retrieving the passcode, copy and paste it (with no additional blank spaces) into the Pass-Code Number box and select Next.

#### NOTE

AFTER selecting Next, another passcode will be requested.

#### Figure 22.



## Approved Immobilizer Reset (continued)

10. Select Get Pass-Code.



11. Select Send to open a link to TIS.

#### Figure 24.

			Help
ltem		ID	CD
VIN	JTHB5LF		4
Data1	82001669	96F5	3
Data2	7A56D52	4B100	8
Data3	FE16BA4	E	
Press webpa Press	"Send" to ser ge. "Copy" to cop	nd the ID to the S py the ID to the C	Smart Code Clipboard.

### Approved Immobilizer Reset (continued)

12. Enter the password in the Add/Remove Key tab and select Login.

NOTE	
Make sure the Add/Remove Key tab is selected.	



13. AFTER the boxes are filled in with the information from the previous GTS+ screen, select Submit.

Home TIS Service Lane		Compar		OTA Help	My Account 🔪 Lo
ibrary 💿 Diagnostics 💿 Tech Assistance 💿 Vehicle Inquiry					
ScanTool Reprogramming Immobilizer Reset Add / Remo	ve Key	Key Code	Telematics	Navigation	Tools & Equipme
id or Remove key	Refe	rence Document	t		
Please complete the following fields to receive a passcode. Dealer Code: Dealer Name: Technician Name: *Techstream Software Version: 13.00.022 *Vehicle VIN: TTH DSLFF (17 digit VIN) *Repair Order/Parts Invoice 123456 Number: *Customer Last Name: Doe *Data1: 820016696F5 *Data2: 7A56D524B100 *Data3: FE16BA4E *) - Indicates Required Field(s) Back Clear Submit	Toyo A coi Tran: Toyo A coi Toyo Find Toyo Find	ta Process Bulletin mplete guide to th sponder ECU equi ta / Scion Process mplete guide to In ta / Scion Vehicle ta PANT Bulletin 2 out what to do if t	n T-SB-0043-14 e Immobilizer Key pped models : Bulletin SS003-02 mmobilizer function: Support you are working on :014-050 he vehicle does not	Code Reset proces : for Transponder f supports Immobili	ss for NON- ECU equipped mode izer Reset izer Reset

## Approved Immobilizer Reset (continued)

14. The bolded passcode can be copied and pasted back into GTS+.



15. Copy and paste the number (with no additional spaces) into the Pass-Code Number box and select Next.

Figure 28.	
Smart Code Reset (SMRT-41-001)	
	Help
Input Seed Number on Server to retriev Pass-Code, then input the Pass-Code a Next.	e a Ind then press
Seed Number:	
JTHB5LF 82001669044 49775A3A7COA FE16BA4E	Get Pass-Code
Pass-Code Number:	
A1A3B0DA03ED	
< Back Next >	Exit

## Approved Immobilizer Reset (continued)

16. AFTER a confirmation message pops up, select Yes.





- 17. Smart Code Registration may now be used to register Smart Keys.
- 18. Select Exit.

## Figure 31.

Smart Code Reset (SMRT-18-005)	
	Help
Smart Code Reset is complete. Use the Smart Code Registration utility to regis smart keys.	ter
Exit	

### Smart Code Registration

Reference the GTS+ and TIS screenshots in this bulletin.

1. Select Smart Code Registration.

#### Figure 32. Region : NA S ⊿ i ? 2023 Tundra HEV V35A-FTS | Production Date 01/19/2023 | 17460mile Battery:14.4V Smart Key Data List Active Test Utility Dual Data List Select desired Utility and then press Next button All Readiness <Introduction> This function registers the Key code to the certification ECU. Vehicle Control History (RoB) This function carries out online certification. Owner's Digital Key New Registration Please carry out after checking an operating procedure. Digital Key Code Reset <Usage> Guest Digital Key Code Reset This function usage is the Key ID registration to the vehicle. Communication Check(Key Diag Mode) ECU Communication ID Registration Smart Code Registration Smart Code Reset Undesignated Key Permanent Erasure 🕅 🏦 Ver2023.03.002.02 Subscription Expiration:3356

## Smart Code Registration (continued)

2. Read the instructions, check each item, and select Next.



3. Select Get Pass-Code.

### Figure 34.

Key Code Registration (SMRT-41-001)	
	Help
Input Seed Number on Server to retrieve Pass-Code, then input the Pass-Code a Next.	e a nd then press
Seed Number:	
JTHB5LF 8200166964A 674EC4B22F0D FE16BA4E	Get Pass-Code
Pass-Code Number:	
< Back Next >	Exit

## Smart Code Registration (continued)

4. Select Send to open a link to TIS.



- 5. Make sure the Add/Remove Key tab is selected.
- 6. Enter the password and select Login.

#### Figure 36.

		Provide the second second second second		
110	Scaniool	Reprogramming	Immobilizer Keset	Add / Remove Key
Add o	r Remove key	,		Ref
Add / F	Remove Kev ge	Receive a P	asscode ouired to perform Smart	t Code
Registr	ration or Undes	ignated Key Permanen	t Erasure Utilities in Tecl	hstream. Toy A c
NOTE:	when perform	ing Permanent Erasure and below to proceed to	, erased keys can never a the Add / Remove Key	form. Find
Re-ent				

### **Smart Code Registration (continued)**

- Make sure each text box is populated with the correct information from the previous GTS+ screen.
- 8. Select Submit.



9. The bolded passcode may be copied and pasted back into GTS+.

#### Figure 38.



### Smart Code Registration (continued)

10. Copy and paste the number (with no additional spaces) into the Pass-Code Number box and select Next.



- Make sure there is enough room for additional key codes. The white box outlined in red shows the number of available spaces to add this session's NEW key(s).
- 12. AFTER confirmation of step 11, select Next.

#### Figure 40.

		Help
Check	k the current number of key	codes
Current number of ke	y codes	
	Number of available spaces for new codes	
	Number of registered key codes	
	1	
Check the current nur continue.	mber of key codes, then pre	ess "Next" to
New keys can only be	e registered if spaces are av	vailable.
-		
If available spaces fo registered.	r new codes is 0, no new ke	eys can be
1		

## **Smart Code Registration (continued)**

- 13. Place the currently registered key and the NEW unregistered key(s) outside the vehicle.
- 14. BEFORE the procedure begins, bring the registered key into the vehicle.
- 15. Select Next.

### Figure 41.



- 16. Touch the ignition switch with the registered key.
- 17. Select Pre-Start CHK to review the registration process.

### NOTE

Pre-Start CHK MUST be selected BEFORE continuing to the next step.

Figure 42. Key Code Registration (SMRT-43-006)



## Smart Code Registration (continued)

18. AFTER the Pre-Start CHK is reviewed, close it, and select Start.



19. Touch the ignition switch with the NEW key. The vehicle will beep twice AFTER each key is registered.

### NOTE

If adding keys AFTER performing an immobilizer reset, multiple keys can be added at a time. The vehicle will beep once each time a NEW key is registered. Repeat this step until ALL NEW keys are registered.

- 20. Function-check the keys by pressing the buttons (lock/unlock/panic/trunk) and make sure the vehicle will start with the key.
- 21. Select Next to restart the process to add another key.
- 22. Select Exit to close the utility.

#### Figure 44.



### Figure 45.



### **Undesignated Key Permanent Erasure**

Reference the GTS+ and TIS screenshots in this bulletin.

1. Select Undesignated Key Permanent Erasure.

NOTE	
Make sure ALL keys to be reused are present.	

Figure 46.



### **Undesignated Key Permanent Erasure (continued)**

- 2. Read the warning message BEFORE continuing. The keys that are NOT present in this procedure will be permanently erased from the vehicle. Erased keys will NOT be functional on this, or ANY vehicle.
- 3. Select Next.



4. Input the number of customer keys that are present and select Next.

#### Figure 48.

Undesignated Key Permanent Erasure (5	MRT-42-005)	
		Help
Input the number of keys v customer into the "Custom	vhich was brou ler Keys" spac	ight by a e.
Customer Keys:	1	Input
Vehicle Keys:	2	
"Vehicle Keys" displays the in the vehicle.	e number of re	gistered key
< Back	Next >	Exit

## **Undesignated Key Permanent Erasure (continued)**

5. The customer keys listed will NOT be erased during the procedure. Confirm the numbers of keys to be kept, then select Next.

	ateo key Permanent E	rasure (SMR1-42-007)	Hel
Num	ber of keys br	ought by the custo	omer:
Г		1	
Num	iber of to be de	eleted keys (can n	ever be used):
		1	
Che Dele	ck above numk eted keys can r	ber of keys. never be used.	
	< Back	Next >	Exit

- Confirm that ONLY the keys touched to the ignition are to be kept. ALL other keys NOT touched to the ignition will be deleted and CANNOT be reused on ANY vehicle.
- 7. Check I agree, then select Next.

#### Figure 50.

Undesignated Key Permanent Erasure (SMRT-42-008)	
<caution> The keys that have not been touched to the switch will be deleted and can never be re- Those keys can never be re-registered.</caution>	нер e Engine •used.
Check "I agree" then press "Next", proces started.	s will be
I agree	
< Back Next >	Exit

I

## Smart Key Immobilizer Reset and Add/Remove Key

## **Undesignated Key Permanent Erasure (continued)**

8. Select Get Pass-Code.

Figure 51.	
Jndesignated Key Permanent Erasure (SMRT-41-001)	Help
Input Seed Number on Server to retrieve Pass-Code, then input the Pass-Code a Next.	e a nd then press
Seed Number:	
JTHB5LFF2J50001414 82001669EA8 1C0557F0680B FE16BA4E	Get Pass-Code
Pass-Code Number:	
< Back Next >	Exit

9. Select Send to open a link to TIS.

#### Figure 52.

Dener		10		
Item		ID		
VIN	JIHBELH	JTHB5LF		
Data1	820016696F5			
Data2	7A56D524B100			
Data3	FE16BA4E	FE16BA4E		
Press webpa Press	"Send" to sei ge. "Copy" to coj	nd the ID to the py the ID to the	Smart Code Clipboard.	

## **Undesignated Key Permanent Erasure (continued)**

- 10. Make sure the Add/Remove Key tab is selected.
- 11. Enter the password and select Login.

12. Make sure each text box is populated with the correct information from the

previous screen.

13. Select Submit.

#### Figure 53.



## Figure 54.

Home TIS	Service Lane	/				
O Library O Diagnostics O Tech Assistance O Vehicle Inquiry						
ScanTool Reprogram	ming Immobi	lizer Reset	Add / Remove			
Add or Remove key						
Please complete the follo	wing fields to re	ceive a pas	scode.			
Dealer Code: Dealer Name:						
Technician Name:						
*Techstream Software Version:	13.00.022					
*Vehicle VIN:	DTH		(17 digit			
*Repair Order/Parts Invoice Number:	123456					
*Customer Last Name:	Doe					
*Data1:	820016696F5					
*Data2:	7A56D524B100					
*Data3:	FE16BA4E					
(*) - Indicates Required Field(s)						
Back	Clear Submit					

## **Undesignated Key Permanent Erasure (continued)**

14. The bolded passcode may be copied and pasted back into GTS+.





- 15. Copy and paste the number into the Pass-Code Number text box.
- 16. Select Next.

#### Figure 56.



## **Undesignated Key Permanent Erasure (continued)**

- 17. One at a time, touch the keys to the ignition switch. The vehicle will beep once per key.
- 18. Once ALL keys have touched the ignition switch, select Delete to permanently remove ALL keys that did NOT touch the ignition switch.

### NOTE

There is a 30-second timer for this procedure.

Figure 57.	
Undesignated Key Permanent Erasure (SMRT-42-017)	
	Help
1	
Number of keys to be erased (Can never be re-used)	
When "Delete" is pressed, these keys can never b re-used. The erased keys can never be re-registered.	e
Time Remaining: 22 sec.	-
< Back Delete Exit	

- 19. Undesignated Key Permanent Erasure is now complete. The keys that were NOT touched to the ignition will no longer work on ANY vehicle.
- 20. Select Exit.

#### Figure 58.

