

Last Modified: 09-20-2019	6.9:8.0.49	Doc ID: RM10000000GIMS
Model Year Start: 2015	Model: RC F	Prod Date Range: [09/2014 - 03/2019]
Title: THEFT DETERRANT / KEYLESS ENTRY: IMMOBILISER SYSTEM: REGISTRATION; 2015 - 2019 MY RC F [09/2014 - 03/2019]		

## REGISTRATION

### PROCEDURE

#### 1. CAUTION REGARDING INTERFERENCE WITH ELECTRONIC DEVICES

##### CAUTION:

- People with implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should keep away from the smart access system with push-button start antennas. The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask your dealer for details, such as the frequency of radio waves and timing of the emitted radio waves. Then, consult your doctor to see if you should disable the entry function.
- User of any electrical medical device other than implantable cardiac pacemakers, cardiac resynchronization therapy-pacemakers or implantable cardioverter defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.
- Ask your dealer for details for disabling the entry function.

#### 2. DESCRIPTION OF CODE REGISTRATION

##### HINT:

- The electrical key transmitter sub-assembly (for card type) can be registered using the same procedure as the electrical key transmitter sub-assembly (for standard type).
- Registering an ID code enables the smart access system with push-button start function, wireless door lock control function and immobiliser function to be operated.
- Code registration is necessary when the certification ECU (smart key ECU assembly), ID code box (immobiliser code ECU), main body ECU (multiplex network body ECU), steering lock ECU (steering lock actuator assembly) or electrical key transmitter sub-assembly is replaced with a new one.
- This vehicle does not have a key slot. Therefore, while facing the logo side of the electrical key transmitter sub-assembly towards the engine switch, hold the transmitter near the engine switch as shown in the illustration to register the electrical key transmitter sub-assembly.

"A	for Standard Type
"B	for Card Type
"1	Engine Switch
"2	Electrical Key Transmitter Sub-assembly

#### 3. KEY REGISTRATION PROCEDURES WHEN ADDING OR REPLACING KEY OR WHEN KEY IS LOST

##### HINT:

- The following procedures require the use of the Techstream:
  - New key ID registration
  - Additional key ID registration
  - Key ID erasure
  - All Key ID erasure
- A maximum of 7 electrical key transmitter sub-assemblies can be registered (this includes any electrical key transmitter sub-assemblies registered when the vehicle was purchased).
- In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

CUSTOMER REQUEST/CONDITION	REGISTRATION PROCEDURE CONDITION	PROCEDURE	REFER TO
Registering additional electrical key transmitter sub-assembly	Customer must bring at least 1 electrical key transmitter sub-assembly	1. Register additional electrical key transmitter sub-assemblies as necessary (additional key ID registration)	PROCEDURE "C"
<ul style="list-style-type: none"> <li>• Replacing a electrical key transmitter sub-assembly (e.g., when replacing an old electrical key transmitter sub-assembly with a new one)</li> <li>• Making a lost electrical key transmitter sub-assembly unusable</li> </ul> <p><b>NOTICE:</b> If the customer brings at least 1 electrical key transmitter sub-assembly, it is possible to perform these procedures. However, if any additional electrical key transmitter sub-assemblies are registered before reregistering the customer's electrical key transmitter sub-assemblies, the customer's electrical key transmitter sub-assemblies cannot be reregistered and become useless. Therefore, if the customer does not bring all of their electrical key transmitter sub-assemblies, be sure to explain to them that any electrical key transmitter sub-assemblies not brought will become useless after additional electrical key transmitter sub-assemblies are registered.</p> <p><b>HINT:</b> After electrical key transmitter sub-assembly ID erasure, any remaining electrical key transmitter sub-assemblies that are not reregistered at this time cannot be used. Therefore, immediately after electrical key transmitter sub-assembly ID erasure, be sure to reregister all available remaining electrical key transmitter sub-assemblies.</p>	Customer must bring at least 1 electrical key transmitter sub-assembly	1. Using remaining electrical key transmitter sub-assembly, clear all registered electrical key transmitter sub-assemblies except one (key ID erasure)	PROCEDURE "D"
		2. Register additional electrical key transmitter sub-assemblies as necessary (additional key ID registration)	PROCEDURE "C"
All electrical key transmitter sub-assemblies are lost		1. Reset all electrical key transmitter sub-assemblies (all keys ID erasure (key code reset))	PROCEDURE "E"
		2. Register all electrical key transmitter sub-assemblies (new key ID registration)	PROCEDURE "A"

#### 4. PART REPLACEMENT AND REGISTRATION PROCEDURES

(a) If a malfunctioning ECU is discovered through troubleshooting of the smart access system with push-button start, use the ECU replacement and electrical key transmitter sub-assembly registration procedures in the table below.

##### NOTICE:

Do not use a main body ECU (multiplex network body ECU) and DCM (telematics transceiver) that has been registered to another vehicle.

##### HINT:

- The following procedures require the use of the Techstream:
  - New key ID registration
  - Additional key ID registration
  - Key ID erasure
  - ECU code registration
- A maximum of 7 electrical key transmitter sub-assemblies can be registered (this includes any electrical key transmitter sub-assemblies registered when the vehicle was purchased).
- Immediately after replacing the certification ECU (smart key ECU assembly), the Techstream item "Number of Registered Codes" should change to "0". If this item does not change to "0", the certification ECU (smart key ECU assembly) may be registered to another vehicle. A certification ECU (smart key ECU assembly) which is registered to another vehicle cannot be used.
- In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

MALFUNCTIONING ECU	CONDITION	PROCEDURE	REFER TO
Certification ECU (smart key ECU assembly)	Customer has brought all electrical key transmitter sub-assemblies	1. Replace certification ECU (smart key ECU assembly)	-
		2. Reregister all customer's electrical key transmitter sub-assemblies	PROCEDURE "B"
		3. Perform remote engine start and stop registration*	PROCEDURE "I"
	Key ID codes can be registered and cleared	1. Clear key codes (key ID erasure)	PROCEDURE "D"
		2. Perform additional electrical key transmitter sub-assembly registration procedure (additional key ID registration)	PROCEDURE "C"
		<b>HINT:</b> • If some electrical key transmitter sub-assemblies are not registered during above step, they will be disabled because they cannot be registered later. • Purpose of this step is to clear electrical key transmitter sub-assembly information stored in ID code box (immobiliser code ECU) for any electrical key transmitter sub-assemblies that user did not bring. If this information is not cleared, when certification ECU (smart key ECU assembly) is replaced and electrical key transmitter sub-assembly registration is performed, electrical key transmitter sub-assembly information stored in certification ECU (smart key ECU assembly) and electrical key transmitter sub-assembly information stored in ID code box (immobiliser code ECU) will not match and engine cannot be started.	
		3. Replace certification ECU (smart key ECU assembly)	-
		4. Reregister all electrical key transmitter sub-assemblies	PROCEDURE "B"
	Some electrical key transmitter sub-assemblies are lost	5. Perform remote engine start and stop registration*	PROCEDURE "I"
		1. Replace certification ECU (smart key ECU assembly)	-
Key ID codes cannot be either registered or cleared	2. Replace ID code box (immobiliser code ECU)	-	
	3. Reregister all electrical key transmitter sub-assemblies (new key ID registration)	PROCEDURE "A"	
	<b>HINT:</b> If some electrical key transmitter sub-assemblies are not registered during above step, they will be disabled because they cannot be registered later.		
	4. ECU communication ID registration	PROCEDURE "G"	
	5. Perform remote engine start and stop registration*	PROCEDURE "I"	
Certification ECU (smart key ECU assembly)	All electrical key transmitter sub-assemblies are lost	1. Replace certification ECU (smart key ECU assembly)	-
		2. Replace ID code box (immobiliser code ECU)	-
		3. Register all electrical key transmitter sub-assemblies (new key ID registration)	PROCEDURE "A"
		4. ECU communication ID registration	PROCEDURE "G"
		5. Perform remote engine start and stop registration*	PROCEDURE "I"
ID code box (immobiliser code ECU)	Customer has brought at least 1 electrical key transmitter sub-assembly	1. Replace ID code box (immobiliser code ECU)	-
		2. Register recognition codes in ECUs (ECU code registration)	PROCEDURE "F"
		3. ECU communication ID registration	PROCEDURE "G"
	All electrical key transmitter sub-assemblies are lost	1. Replace certification ECU (smart key ECU assembly)	-
		2. Replace ID code box (immobiliser code ECU)	-
		3. Register all electrical key transmitter sub-assemblies (new key ID registration)	PROCEDURE "A"
		<b>HINT:</b>	

		If some electrical key transmitter sub-assemblies are not registered during above steps, they will be disabled because they cannot be registered later	
	lost	4. ECU communication ID registration	PROCEDURE "G"
		5. Perform remote engine start and stop registration*	PROCEDURE "I"
Steering lock ECU (steering lock actuator assembly)	Customer has brought at least 1 electrical key transmitter sub-assembly	1. Replace steering lock ECU (steering lock actuator assembly)	-
		2. Register recognition codes in ECUs (ECU code registration)	PROCEDURE "F"
	All electrical key transmitter sub-assemblies are lost	1. Replace certification ECU (smart key ECU assembly)	-
		2. Replace ID code box (immobiliser code ECU)	-
		3. Replace steering lock ECU (steering lock actuator assembly)	-
		4. Register all electrical key transmitter sub-assemblies (new key ID registration)	PROCEDURE "A"
5. ECU communication ID registration	PROCEDURE "G"		
6. Perform remote engine start and stop registration*	PROCEDURE "I"		
ECM	When replacing the ECM with a new one	Replace ECM	-
	When replacing the ECM with a used one	1. Replace ECM	-
		2. ECU communication ID registration	PROCEDURE "G"
Main body ECU (multiplex network body ECU)	When using a new one	1. Replace main body ECU (multiplex network body ECU)	-
		2. Register recognition codes in ECUs (ECU code registration)	PROCEDURE "F"
		3. Perform remote door lock and unlock registration*	PROCEDURE "H"
	When not using a new one	<b>NOTICE:</b> Do not use a main body ECU (multiplex network body ECU) that has been registered to another vehicle.	-
DCM (telematics transceiver)*	When replacing the DCM (telematics transceiver) with a new one	1. Replace DCM (telematics transceiver)	-
		2. Perform remote door lock and unlock registration	PROCEDURE "H"
		3. Perform remote engine start and stop registration	PROCEDURE "I"
	When replacing the DCM (telematics transceiver) with a used one	<b>NOTICE:</b> Do not use a DCM (telematics transceiver) that has been registered to another vehicle.	-

\*: for Lexus Enform Remote Compatible Type

## 5. KEY REGISTRATION (PROCEDURE "A")

(a) New key ID registration:

### HINT:

In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>Prepare all new electrical key transmitter sub-assemblies to be registered and place them outside the vehicle. Bring 1 new electrical key transmitter sub-assembly inside the vehicle.</li> <li>Connect the Techstream to the DLC3</li> <li>While holding new electrical key transmitter sub-assembly, turn the engine switch on (IG)</li> </ol> <p><b>HINT:</b> The engine switch cannot be turned on (IG) more than 10 times. To continue electrical key transmitter sub-assembly registration procedure with the engine switch off, use either method below:</p> <ul style="list-style-type: none"> <li>When using the Techstream with the engine switch off, connect the Techstream to the DLC3 and turn a courtesy light switch on and off at intervals of 1.5 seconds or less until communication between the Techstream and the vehicle begins. Then select the vehicle type under manual mode and enter the following menus: Body Electrical / Smart Access. While using the Techstream, periodically turn a courtesy light switch on and off at intervals of 1.5 seconds or less to maintain communication between the Techstream and the vehicle.</li> <li>Connect the Techstream to the DLC3 and select "Manual" from the initial screen on the Techstream. Then select "Key Code Registration" under model code.</li> </ul> <ol style="list-style-type: none"> <li>Turn the Techstream on</li> <li>Enter the following menus: Body Electrical / Smart Access / Utility / Smart Code Registration</li> </ol>
2. Confirmation of ECU code	<p>Perform operations according to prompts on the Techstream screen</p> <p><b>HINT:</b> Mode is automatically selected by the Techstream (new registration mode or add mode)</p>
3. Verification of unregistered electrical key transmitter sub-assembly*	<ol style="list-style-type: none"> <li>While facing the logo side of an unregistered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>Confirm that the wireless door lock buzzer sounds twice (short beep)</li> <li>Bring the electrical key transmitter sub-assembly for which operations have been completed outside the vehicle. Then bring another new electrical key transmitter sub-assembly for which operations are to be performed inside the vehicle.</li> </ol>
4. Registration of ID code	Perform operations according to prompts on the Techstream screen
5. End of registration	Finish new key ID code registration

- \*: Repeat this process for each electrical key transmitter sub-assembly which is to be registered to the vehicle. Finish the procedure for each electrical key transmitter sub-assembly within 30 seconds. If the procedure for any of the electrical key transmitter sub-assemblies is not finished within the specified time, perform the registration from process 1 again.
- If "Smart Access System with Push-button Start" is canceled, registration cannot be performed.

Click here [INFO](#) [INFO](#)

## 6. KEY REGISTRATION (PROCEDURE "B")

(a) New key ID registration:

### HINT:

In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>Prepare all registered electrical key transmitter sub-assemblies and any electrical key transmitter sub-assemblies to be registered and place them outside the vehicle. Bring 1 registered electrical key transmitter sub-assembly inside the vehicle.</li> <li>Connect the Techstream to the DLC3</li> <li>While holding the registered electrical key transmitter sub-assembly, turn the engine switch on (IG)</li> </ol> <p><b>HINT:</b> The engine switch cannot be turned on (IG) more than 10 times. To continue electrical key transmitter sub-assembly registration procedure with the engine switch off, use either method below:</p> <ul style="list-style-type: none"> <li>When using the Techstream with the engine switch off, connect the Techstream to the DLC3 and turn a courtesy light switch on and off at intervals of 1.5 seconds or less until communication between the Techstream and the vehicle begins. Then select the vehicle type under manual mode and enter the following menus: Body Electrical / Smart Access. While using the Techstream, periodically turn a courtesy light switch on and off at intervals of 1.5 seconds or less to maintain communication between the Techstream and the vehicle.</li> <li>Connect the Techstream to the DLC3 and select "Manual" from initial screen on the Techstream. Then select "Key Code Registration" under model code.</li> </ul> <ol style="list-style-type: none"> <li>Turn the Techstream on</li> <li>Enter the following menus: Body Electrical / Smart Access / Utility / Smart Code Registration</li> </ol>
2. Confirmation of ECU code	<p>Perform operations according to prompts on the Techstream screen</p> <p><b>HINT:</b> Mode is automatically selected by the Techstream (new registration mode or add mode)</p>
3. Confirmation of all registered electrical key transmitter sub-assemblies*1	<ol style="list-style-type: none"> <li>While facing the logo side of a registered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near engine switch.</li> <li>Confirm that the wireless door lock buzzer sounds once (short beep)</li> <li>Bring the electrical key transmitter sub-assembly for which operations have been completed outside the vehicle. Then bring another electrical key transmitter sub-assembly for which operations are to be performed inside the vehicle.</li> </ol>
4. Confirmation of ECU code	Perform operations according to prompts on the Techstream screen
5. Verification of unregistered electrical key transmitter sub-assembly*2	<ol style="list-style-type: none"> <li>While facing the logo side of an unregistered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>Confirm that the wireless door lock buzzer sounds twice (short beep)</li> <li>Bring the electrical key transmitter sub-assembly for which operations have been completed outside the vehicle. Then bring another electrical key transmitter sub-assembly for which operations are to be performed inside the vehicle</li> </ol>
6. Registration of ID code	Perform operation according to prompts on the Techstream screen
7. End of registration	Finish new key ID code registration

- \*1: Repeat this process for each electrical key transmitter sub-assembly registered to the vehicle. Finish the procedure for each electrical key transmitter sub-assembly within 30 seconds. If the procedure for any of the electrical key transmitter sub-assemblies is not finished within the specified time, perform the registration from process 1 again. When performing the electrical key transmitter sub-assembly confirmation procedure for an electrical key transmitter sub-assembly, the security indicator light comes on and remains on until all the electrical key transmitter sub-assemblies are confirmed.
- \*2: Repeat this process for each key which is to be registered to the vehicle. Finish the procedure for each key within 30 seconds. If the procedure for any of the electrical key transmitter sub-assemblies is not finished within the specified time, perform the registration from process 1 again.
- If "Smart Access System with Push-button Start" is canceled, registration cannot be performed.

Click here [NO](#) [YES](#)

## 7. KEY REGISTRATION (PROCEDURE "C")

(a) Additional key ID registration:

### HINT:

In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>1. Prepare all electrical key transmitter sub-assemblies to be registered and place them outside the vehicle. Then bring 1 registered electrical key transmitter sub-assembly inside the vehicle.</li> <li>2. Connect the Techstream to the DLC3</li> <li>3. While holding the registered electrical key transmitter sub-assembly, turn the engine switch on (IG)</li> <li>4. Turn the Techstream on</li> <li>5. Enter the following menus: Body Electrical / Smart Access / Utility / Smart Code Registration</li> </ol>
2. Confirmation of registered electrical key transmitter sub-assembly*1	<ol style="list-style-type: none"> <li>1. Perform operations according to prompts on the Techstream screen</li> <li>2. While facing the logo side of the registered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>3. Confirm that the wireless door lock buzzer sounds once (short beep)</li> </ol>
3. Confirmation of ECU code	Perform operation according to prompts on the Techstream screen
4. Verification of unregistered electrical key transmitter sub-assembly*2	<ol style="list-style-type: none"> <li>1. While facing the logo side of an unregistered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>2. Confirm that the wireless door lock buzzer sounds twice (short beep)</li> </ol>
5. Registration of ID code	Perform operations according to prompts on the Techstream screen
6. End of registration	Finish key ID code registration

- \*1: Perform this process for one of the electrical key transmitter sub-assemblies registered to the vehicle. Finish the procedure within 30 seconds. If the procedure is not finished within the specified time, perform the registration from process 1 again.
- \*2: Repeat this process for each electrical key transmitter sub-assembly which is to be registered to the vehicle. Finish the procedure for each electrical key transmitter sub-assembly within 30 seconds. If the procedure for any of the electrical key transmitter sub-assemblies is not finished within the specified time, perform the registration from process 1 again.
- If "Smart Access System with Push-button Start" is canceled, registration cannot be performed.

Click here [NO](#) [YES](#)

## 8. KEY REGISTRATION (PROCEDURE "D")

(a) Key ID erasure:

### NOTICE:

Do not erase all registered key codes except one electrical key transmitter sub-assembly (for card type) while the smart access system with push-button start cancel is activated. By doing so, the smart access system with push-button start cannot be returned to its original condition using the cancel operation. In addition, the entry unlock switching function cannot be used. However, erasing all registered key codes except one electrical key transmitter sub-assembly (for card type) will not cause problems if registering additional electrical key transmitter sub-assemblies (for standard type).

### HINT:

- This procedure clears all the registered key codes except one master electrical key transmitter sub-assembly code.
- In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of erasure	<ol style="list-style-type: none"> <li>1. Connect the Techstream to the DLC3</li> <li>2. While holding the registered electrical key transmitter sub-assembly, turn the engine switch on (IG)</li> <li>3. Turn the Techstream on</li> <li>4. Enter the following menus: Body Electrical / Smart Access / Utility / Smart Code Erasure</li> </ol>
2. Confirmation of registered electrical key transmitter sub-assembly*	<ol style="list-style-type: none"> <li>1. Perform operations according to prompts on the Techstream screen</li> <li>2. While facing the logo side of the registered transmitter toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>3. Confirm that the wireless door lock buzzer sounds once (short beep)</li> </ol> <p><b>HINT:</b> The security indicator light illuminates.</p>
3. Confirmation of ECU code	Perform operations according to prompts on the Techstream screen <b>HINT:</b> The security indicator light goes off.
4. Erasure of ID code	Perform operations according to prompts on the Techstream screen
5. End of erasure	Finish key ID code erasure

- \*: Perform this process for one of the electrical key transmitter sub-assemblies registered to the vehicle. Finish the procedure within 30 seconds. If the procedure is not finished within the specified time, perform the erasure from process 1 again.
- If "Smart Access System with Push-button Start" is canceled, erasure cannot be performed.

Click here [NO](#) [YES](#)

## 9. KEY REGISTRATION (PROCEDURE "E")

(a) All keys ID erasure:

### HINT:

In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of erasure	<ol style="list-style-type: none"> <li>1. Connect Techstream to DLC3</li> <li>2. While holding registered electrical key transmitter sub-assembly, turn engine switch on (IG)</li> <li>3. Turn Techstream on</li> <li>4. Enter following menus: Body Electrical / Smart Access / Utility / Smart Code Reset</li> <li>5. Read "Seed Number" sent from TIS according to Techstream screen</li> <li>6. Input "Pass-Code Number" sent from TIS according to Techstream screen</li> </ol>
2. Confirmation of ECU code	Perform operation according to prompts on the Techstream screen
3. Erasure of ID code	<ol style="list-style-type: none"> <li>1. Perform operation according to prompts on the Techstream screen</li> <li>2. Wait for 15 minutes</li> </ol>
4. End of erasure	Finish key ID code erasure

If "Smart Access System with Push-button Start" is canceled, erasure cannot be performed.

Click here [NO](#) [YES](#)

## 10. KEY REGISTRATION (PROCEDURE "F")

(a) ECU code registration:

### HINT:

In the chart below, the numbers in the "Procedure" column (1, 2, 3, etc.) indicate step numbers. Perform the steps in numerical order.

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>1. Connect the Techstream to the DLC3</li> <li>2. While holding the registered electrical key transmitter sub-assembly, turn the engine switch on (IG)</li> </ol> <p><b>HINT:</b> The engine switch cannot be turned on (IG) more than 10 times. To continue electrical key transmitter sub-assembly registration procedure with the engine switch off, use either method below:</p> <ul style="list-style-type: none"> <li>When using the Techstream with the engine switch off, connect the Techstream to the DLC3 and turn a courtesy light switch on and off at intervals of 1.5 seconds or less until communication between the Techstream and the vehicle begins. Then select the vehicle type under manual mode and enter the following menus: Body Electrical / Smart Access. While using the Techstream, periodically turn a courtesy light switch on and off at intervals of 1.5 seconds or less to maintain communication between the Techstream and the vehicle.</li> <li>Connect the Techstream to the DLC3 and select "Manual" from the initial screen on the Techstream. Then select "Key Code Registration" under model code.</li> </ul> <ol style="list-style-type: none"> <li>3. Turn the Techstream on</li> <li>4. Enter the following menus: Body Electrical / Smart Access / Utility / ECU Communication ID Registration / ID code box and Steering Lock</li> </ol>
2. Confirmation of registered electrical key transmitter sub-assembly*	<ol style="list-style-type: none"> <li>1. While facing the logo side of the registered electrical key transmitter sub-assembly toward the engine switch, hold the electrical key transmitter sub-assembly near the engine switch.</li> <li>2. Confirm that the wireless door lock buzzer sounds once (short beep)</li> </ol>
3. Erasure of ECU code	Perform operations according to prompts on the Techstream screen
4. End of registration	Finish ECU code registration

- \*: Perform this process for one of the electrical key transmitter sub-assemblies registered to the vehicle. Finish the procedure within 30 seconds. If the procedure is not finished within the specified time, perform the registration from process 1 again.
- If "Smart Access System with Push-button Start" is canceled, registration cannot be performed.

Click here [NO](#) [YES](#)

- If there are any electronic devices near the driver seat which may cause wave interference, such as cell phones, personal computers, portable music players, other electrical key transmitter sub-assemblies, etc., turn them off or move them away from the driver seat.

### 11. KEY REGISTRATION (PROCEDURE "G")

SST: 09843-18040

(a) ECU communication ID registration:

**NOTICE:**

- The ECU communication ID should be registered when the ID code box (immobiliser code ECU) is replaced in order for the ECU communication ID to match.
- The ECU communication ID should be registered when the main body ECU (multiplex network body ECU) is replaced in order for the ECU communication ID to match.
- The engine cannot be started unless the ECU communication ID is registered.
- After registration, pressing the engine switch may not start the engine on the first try. If so, press the engine switch again.
- After the engine is started, clear DTC B2799 (code for ECM immobiliser communication error) using either of the following methods:

- Use the Techstream.
- Disconnect the cable from the negative (-) battery terminal for 30 seconds.

(1) Using SST, connect terminals 13 (TC) and 4 (CG) of the DLC3.

**HINT:**

The security indicator light blinks.

*a	DLC3
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(2) Turn the engine switch on (IG) (do not start the engine) and leave it as is for 30 minutes.

**HINT:**

The security indicator light goes off.

(3) Turn the engine switch off and disconnect terminals 13 (TC) and 4 (CG).

(4) Turn the engine switch on (IG).\*

(5) Check that the engine starts and runs for more than 3 seconds.\*

**NOTICE:**

\*: Do not open and close any door. If any door is opened and closed, start the registration over again from the procedure 4.

### 12. REMOTE DOOR LOCK AND UNLOCK REGISTRATION (PROCEDURE "H")

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>1. Connect the Techstream to the DLC3</li> <li>2. Turn the engine switch on (IG)</li> <li>3. Turn the Techstream on</li> <li>4. Enter the following menus: Body Electrical / Main Body / Utility / Remote Door Lock Setting</li> </ol>
2. Registration of remote door lock and unlock	<ol style="list-style-type: none"> <li>1. Perform operation according to prompts on the Techstream screen</li> <li>2. Start the engine and drive the vehicle at 5 km/h (3 mph) or more</li> </ol> <p><b>HINT:</b> After remote door lock registration is performed, if a remote door lock operation is performed without performing "procedure 2", the operation will fail. However, the remote door lock operation will operate normally from the second time onward.</p>
3. End of registration	Finish remote door lock and unlock registration

### 13. REMOTE ENGINE START AND STOP REGISTRATION (PROCEDURE "I")

PROCESS	PROCEDURE
1. Start of registration	<ol style="list-style-type: none"> <li>1. Connect the Techstream to the DLC3</li> <li>2. Turn the engine switch on (IG)</li> <li>3. Turn the Techstream on</li> <li>4. Enter the following menus: Body Electrical / Smart Access / Utility / ECU Communication ID Registration / ID code box and Steering Lock</li> </ol>
2. Registration of remote engine start and stop	Perform operations according to prompts on the Techstream screen
3. End of registration	Finish remote engine start and stop registration