

## REGISTRATION

### 1. DESCRIPTION OF CODE REGISTRATION

#### HINT:

- Recognition code registration is necessary when replacing the door control transmitter and/or the door control receiver.
- Add mode is used to register new recognition codes while still retaining codes already registered. This mode is used when a new transmitter is added. If the number of registered codes exceeds 5, the previously registered codes will be erased in order, starting from the first registered code.
- Rewrite mode is used to erase all the previously registered recognition codes in order to register new recognition codes. This mode is used when the transmitter or the door control receiver is exchanged for a new one.
- Confirmation mode is used to confirm how many recognition codes have already been registered before registering any additional recognition codes.
- Prohibition mode is used to erase all the registered codes and disables the wireless door lock function. This mode is used when the transmitter is lost.
- All of the following registration procedures must be performed in order and in a continuous sequence.

### 2. REGISTER RECOGNITION CODE (USING INTELLIGENT TESTER)

#### HINT:

For detailed procedures, refer to the prompts on the tester screen. The number of currently registered codes can be checked out on the first screen of the WIRELESS REGIST.

- (a) Turn the ignition switch ON.
- (b) Select the menu on the intelligent tester.

#### HINT:

After the following operations, proceed to the succeeding operations according to the prompts on the tester screen.

- (1) Select "RAV4" from the menu.
  - (2) Select "MAIN BODY".
  - (3) Select "WIRELESS REGIST".
- (c) Press both LOCK and UNLOCK switches between 1 to 1.5 seconds.
  - (d) Press either switch for more than 1 second within 3 seconds.

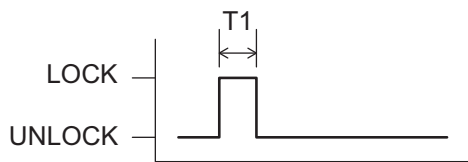
(e) Check the response to the registration completion.

Response to registration completion:

Main body ECU automatically performs power door LOCK-UNLOCK operation to show whether registration has been completed correctly or not.

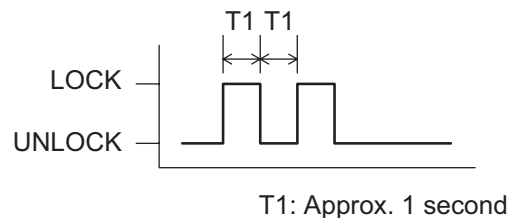
LOCK-UNLOCK Occurs Once

Registration of recognition code has been completed.



LOCK-UNLOCK Occurs Twice

Registration of recognition code has failed.



T1: Approx. 1 second

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HINT:

- If the LOCK-UNLOCK operation occurs twice, the registration of recognition code has failed. Perform the registration procedures again from the beginning.
  - If registering another transmitter, repeat the procedures after the tester operation. All 4 recognition codes can be registered consecutively.
- (f) Perform either of the following to complete the registration of recognition codes:
- Use the intelligent tester to send completion command.
  - Disconnect the intelligent tester.

### 3. REGISTER RECOGNITION CODE (USING SWITCH OPERATION)

- (a) The following conditions should be met.
- No key in the ignition key cylinder.
  - The driver side door is open (the other doors are closed).
  - The driver side door is unlocked.
- (b) Insert and remove the key into / from the ignition key cylinder twice (Insert → Remove → Insert → Remove) within 5 seconds.

HINT:

The procedure should end with the key removed.

- (c) Perform the following operations within 40 seconds.
- (1) Close and open the driver side door twice (Close → Open → Close → Open).

HINT:

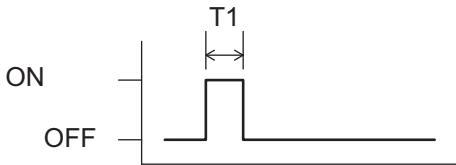
The procedure should end with the door open.

- (2) Insert and remove the key into / from the ignition key cylinder (Insert → Remove).  
HINT:  
The procedure should end with the key removed.
- (3) Close and open the driver side door twice (Close → Open → Close → Open).  
HINT:  
The procedure should end with the door open.
- (4) Insert the key into the ignition key cylinder and close all doors.
- (d) Perform the following operations within 40 seconds.
  - (1) Turn the ignition switch from ON to OFF at approximately 1 second intervals, operate the ignition switch according to the number of times shown below.

Number of ON - OFF operations of ignition switch:

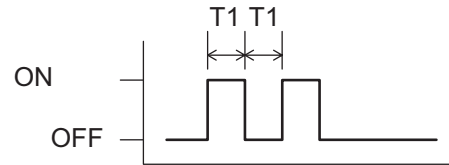
Add Mode

ON - OFF operation: Once



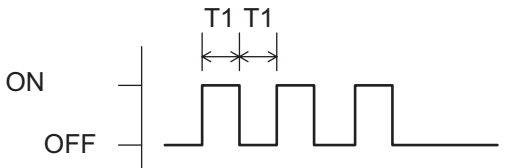
Rewrite Mode

ON - OFF operation: Twice



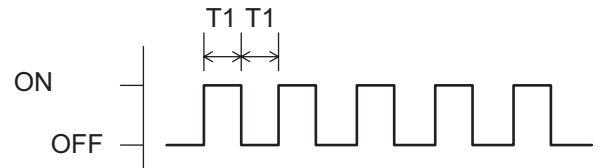
Confirmation Mode

ON - OFF operation: 3 times



Prohibition Mode

ON - OFF operation: 5 times



T1: Approx. 1 second

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HINT:

If the number of ignition switch ON - OFF operations is 0, 4, 6 or more, there will be no response (the power door lock and unlock operation) to show which mode has been selected.

- (2) Remove the key from the ignition key cylinder.

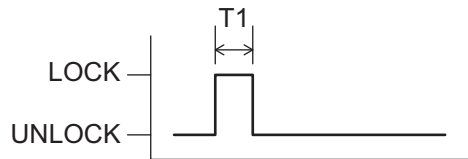
- (e) Check the response of the selected mode within 5 seconds.

Response to selected mode (power door lock operation):

Main body ECU automatically performs power door LOCK-UNLOCK operations to indicate which mode has been selected.

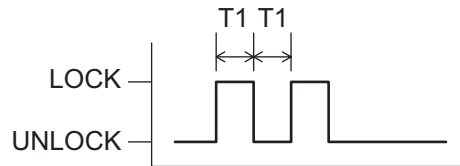
Add Mode

LOCK-UNLOCK operation: Once



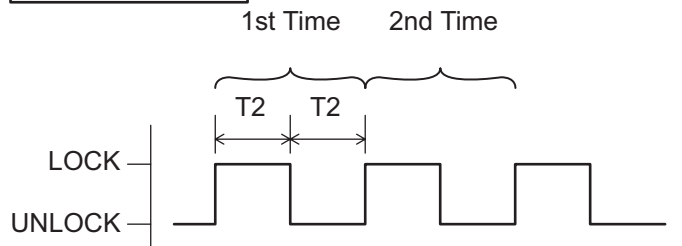
Rewrite Mode

LOCK-UNLOCK operation: Twice



Confirmation Mode

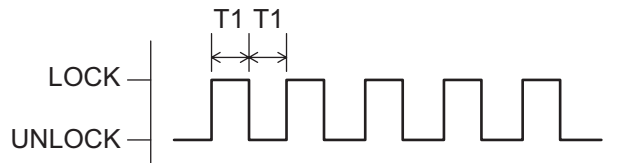
LOCK-UNLOCK operation: The number of registered codes (1 to 5 times)



T1: Approx. 1 second  
T2: Approx. 2 seconds

Prohibition Mode

LOCK-UNLOCK operation: 5 times



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**NOTICE:**

After the system has been set to the prohibition mode, enter the confirmation mode and check that the number of registered keys is 0.

## HINT:

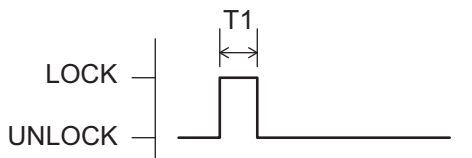
- In the confirmation mode, LOCK-UNLOCK operation will occur once for each recognition code that has been registered. For example, if 2 recognition codes have been registered, LOCK-UNLOCK operation will occur twice.
  - In the confirmation mode, if no recognition codes have been registered, LOCK-UNLOCK operation will occur 5 times.
  - If confirmation mode or prohibition mode is selected, the operation ends after the response to the selected mode completes.
- (f) Within 40 seconds of completing the confirmation mode operation, press the LOCK and UNLOCK switches on the transmitter simultaneously.
- (g) After completing the above step, press a single switch (LOCK or UNLOCK) within 5 seconds.
- (h) After completing the above step, check the response to the registration completion within 3 seconds.

Response to registration completion:

Main body ECU automatically performs power door LOCK-UNLOCK operation to show whether registration has been completed correctly or not.

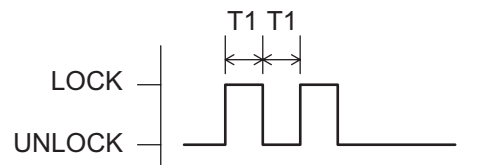
#### LOCK-UNLOCK Occurs Once

Registration of recognition code has been completed.



#### LOCK-UNLOCK Occurs Twice

Registration of recognition code has failed.



T1: Approx. 1 second

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## HINT:

- If the LOCK-UNLOCK operation occurs twice, the registration of recognition code has failed. Perform registration procedures again from the beginning.

- If registering another transmitter, repeat the procedures after the response to the selected mode confirmation. All 4 recognition codes can be registered consecutively.
- (i) Perform either of the following to complete the registration of recognition codes:
  - Open the door.
  - Insert the key into the ignition key cylinder.