

Group:	61 – Cab & Body
Warranty Code:	713
Bulletin No.:	SB-12- 003
Issue Date:	11/27/2012

S E R V I C E B U L L E T I N

INFORMATION OF REMOTE KEY REGISTRATION PROCEDURE FOR KEYLESS ENTRY (WIRELESS REMOTE CONTROL) SYSTEM

The following is to inform you of the above caption. You are kindly requested to inform dealers and workshops under your control about the contents as needed.

RELEVANT MODELS: 195 and 195h with keyless entry (wireless remote control) system.

PROCEDURE:

Following is the procedure for registration of remote key recognition for the keyless entry system.

1. Mode Selection

There are four registration modes (Addition, Rewrite, Confirmation, and Erasing).

- The addition mode is used when a new remote key is added. Four types of recognition codes (remote key) can be registered in the system as needed. When a registration operation is performed for more than four codes, the oldest registered code will be deleted.
- The rewrite mode is used when the remote key is exchanged for a new one. All the previously registered recognition codes will be erased in order to register new recognition codes.
- The confirmation mode is used to confirm how many recognition codes have already been registered in the system.
- The erasing mode is used when the remote key is lost. All the registered codes will be erased, and the key less entry function will be disabled.

2. Procedure for recognition code registration

All of the following registration procedures must be performed in order, continuously and within a specified time for each step.

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The following conditions should be met before performing the procedure.

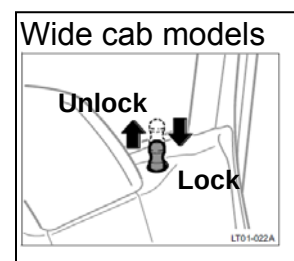
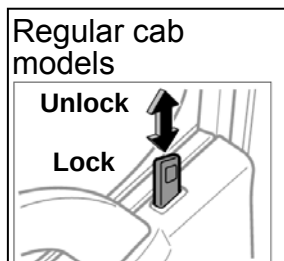
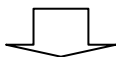
- Starter switch OFF (Engine stopped)
- No key in key cylinder.
- All doors are closed.
- Driver side door is unlocked.
- Wireless system is not under operation.
- The system is not in diagnosis mode, or registration mode.

Step 1: Open the driver side door (leave the door open).



Step 2: Lock then unlock driver side door with inside lock button.

(This should be done within 10 seconds after step 1.)



Step 3: Insert the starter key into the key cylinder within 10 seconds after step 2.



Step 4: Turn the starter switch ON ⇔ OFF repeatedly in order to select the mode.

(This should be completed within 10 seconds after step 3.)

Mode selection is as below.

Number of ON ⇔ OFF operations of starter switch	Selected mode
2 times (ON→OFF→ON→OFF)	Addition mode (Registration mode)
3 times	Rewrite mode
4 times	Confirmation mode
6 times	Erasing mode



Step 5: Pull key out from key cylinder within 10 seconds after step 4.



Step 6: Repeat closing and opening driver side door at least 6 times within 30 seconds after step 5 (leave the door open after completing last step).

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Hint: After step 6, “Lock-Unlock” operation of power door lock system or hazard light flashing will be performed automatically to inform the mode has been selected.

If there is no response after step 6, mode selection has failed and the registration procedure should be performed from beginning once again.

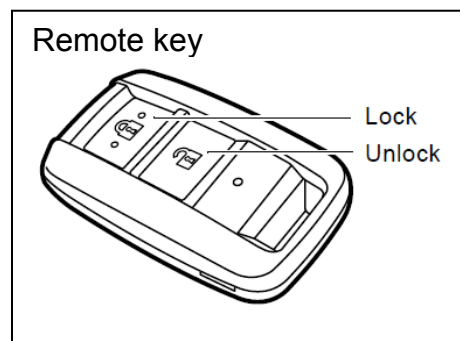
Mode	Response
Addition mode	Locked ⇔ Unlocked twice
Rewrite mode	Locked ⇔ Unlocked three times
*Confirmation mode	Hazard light flashing will be performed an equal number of registered recognitions in system. (If in case the number of registration is zero, hazard light flashing will be performed 5 times.)
*Erasing mode	Hazard light flashes 5 times

*Confirmation mode and erasing mode are completed up to this step.



Step 7: Press both “Lock” and “Unlock” button on the remote key at the same time, and then press either “Lock” or “Unlock” button within 3 seconds.

(Step 7 should be completed within 10 seconds after the response of mode selection.)



Hint: If the “Lock-Unlock” operation of power door lock system is performed automatically after step 7, (locked ⇔ unlocked twice for addition mode, and three times for rewrite mode), registration of recognition code is completed properly. If not, perform registration procedures from the beginning.