

REGISTRATION PROCEDURE

1. REGISTER RECOGNITION CODE

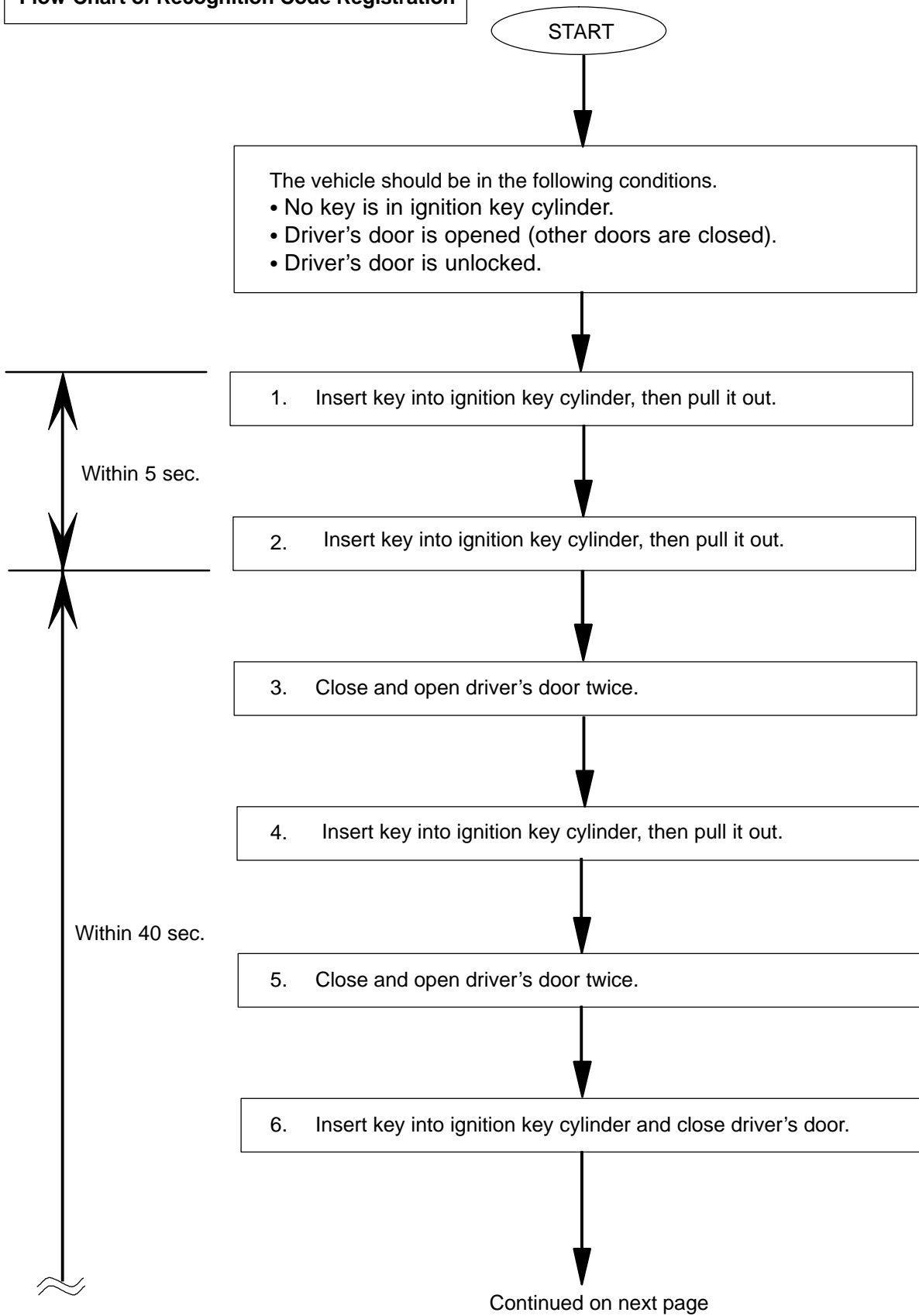
HINT:

- Register the recognition code when replacing the door control transmitter and/or TVIP ECU.
- The add mode is used to retain the registered recognition codes while a new recognition code is additionally registered. This mode is used when a new transmitter is added. If the number of the registered codes exceeds 4, the registered codes will be correspondingly erased in order, starting from the oldest code.
- The rewrite mode is used to erase all the registered recognition codes and register only new recognition codes. This mode is used when the transmitter or the door control receiver is replaced with a for new one.
- The erase mode is used to erase all the registered recognition codes and cancel the wireless door lock function. This mode is used when the transmitter is lost.
- The synchronization mode is used to renew the sequential code (rolling code) of the transmitter and synchronize it with the registered recognition code. This mode is used when the transmitter does not function because they are unsynchronized.*¹ Up to 4 transmitters can be synchronized at one time.
- The setting mode is used to set the optional operation via the transmitter that has the recognition code already registered. Double switch operation*² is available as the option. The setting of up to 4 transmitters can be changed at one time.
- All the following registration procedures must be performed in order continuously.

*¹: If a switch on the transmitter is pressed while out of range of the TVIP ECU, the system will not be able to synchronize the sequential code (rolling code) with the registered recognition code. At this time, the system will automatically synchronize them; however automatic synchronization can be performed only 500 times. Therefore, it is necessary to use this mode after they have synchronized 500 times.

*²: Double switch operation is a operation to unlock the door: when the UNLOCK switch is pressed once, only the driver's door will be unlocked; and when the UNLOCK switch is pressed again within 3 seconds, the other doors will be unlocked.

Flow Chart of Recognition Code Registration



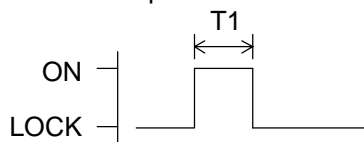
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Mode Selection:

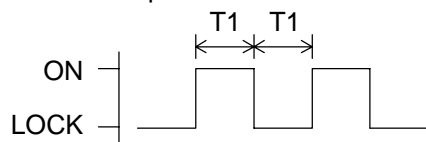
7. Turn ignition switch from LOCK to ON and back to LOCK at approximately 1 second interval 1 to 6 times to select a mode.

Number of ON-LOCK operation of ignition switch:**Add Mode**

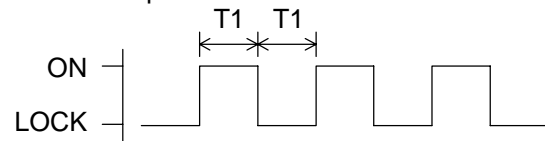
ON-LOCK operation: 1 time

T1: Approx. 1 sec.**Rewrite Mode**

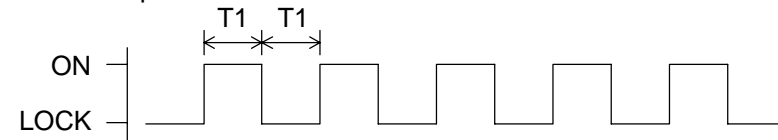
ON-LOCK operation: 2 times

**Setting Mode**

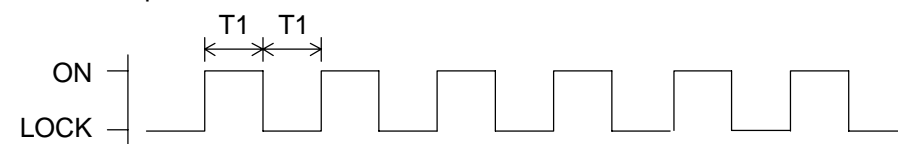
ON-LOCK operation: 4 times

**Erase Mode**

ON-LOCK operation: 5 times

**Synchronization Mode**

ON-LOCK operation: 6 times



If the number of ON-LOCK operation of ignition switch is 0, 3 or 7 or more, there will be no response (power door lock and unlock operation) to inform which mode has been selected.

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Within 40 sec.

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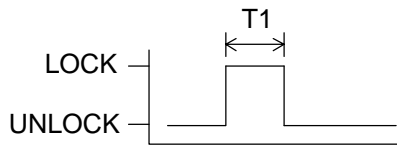
8. Remove key from ignition key cylinder.

Response of selected mode (Power door lock operation):

TVIP ECU automatically performs power door LOCK–UNLOCK operation to inform which mode has been selected. In response to LOCK–UNLOCK operation, taillights blink and TVIP buzzer chirps.

Add Mode

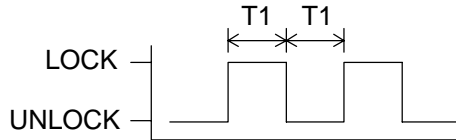
LOCK–UNLOCK operation: 1 time



T1: Approx. 1 sec.

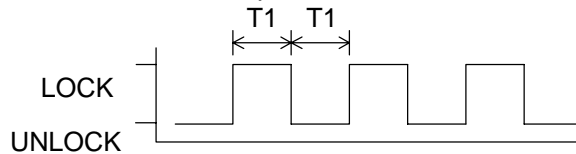
Rewrite Mode

LOCK–UNLOCK operation: 2 times



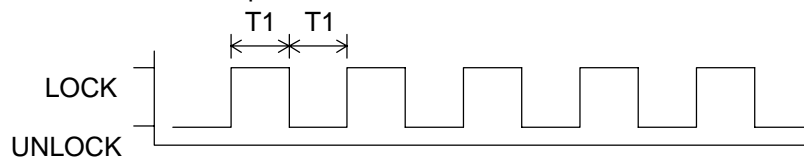
Setting Mode

LOCK–UNLOCK operation: 4 times



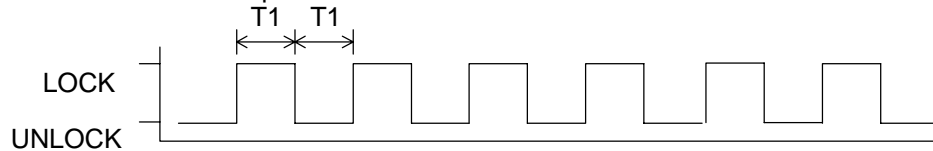
Erase Mode

LOCK–UNLOCK operation: 5 times



Synchronization Mode

LOCK–UNLOCK operation: 6 times



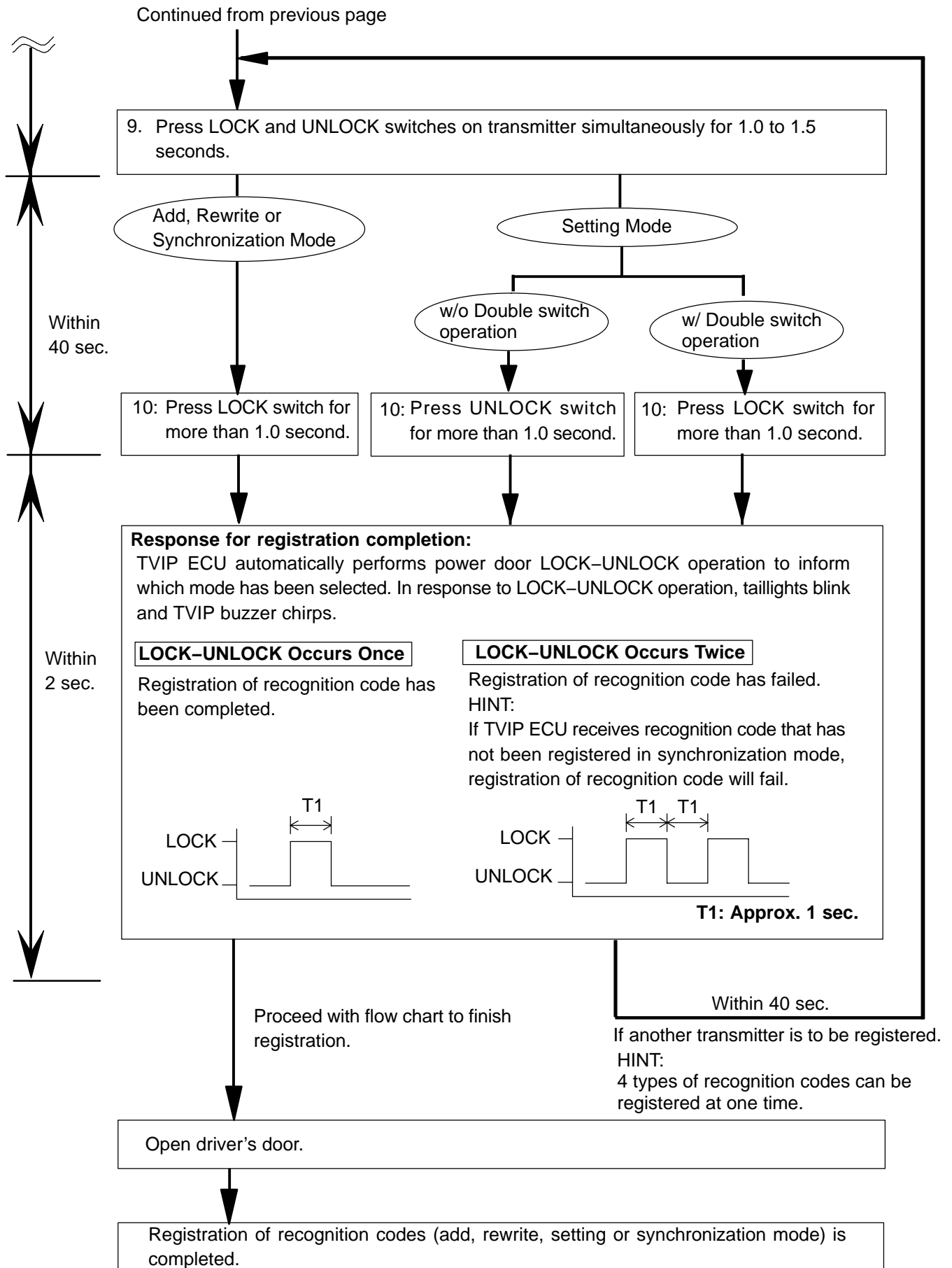
Within
2 sec.

Add, Rewrite, Setting or
Synchronization Mode

Erase Mode

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Registration procedure is completed.



2. PROGRAM IGNITION-CONTROLLED AUTOMATIC DOOR LOCK/UNLOCK FUNCTION

HINT:

- With this function on, when the key is inserted into the ignition key cylinder and turned to the ON or START position, all the doors are automatically locked; and when the key is back to the ACC or LOCK position, all the doors are automatically unlocked.
- This function's initial mode is OFF, however the program for this function can be changed using the following procedures.
- All the following programming procedures must be performed in order continuously.

Flow Chart for Programming Ignition-controlled Automatic Door Lock/Unlock Function

