05J65–01
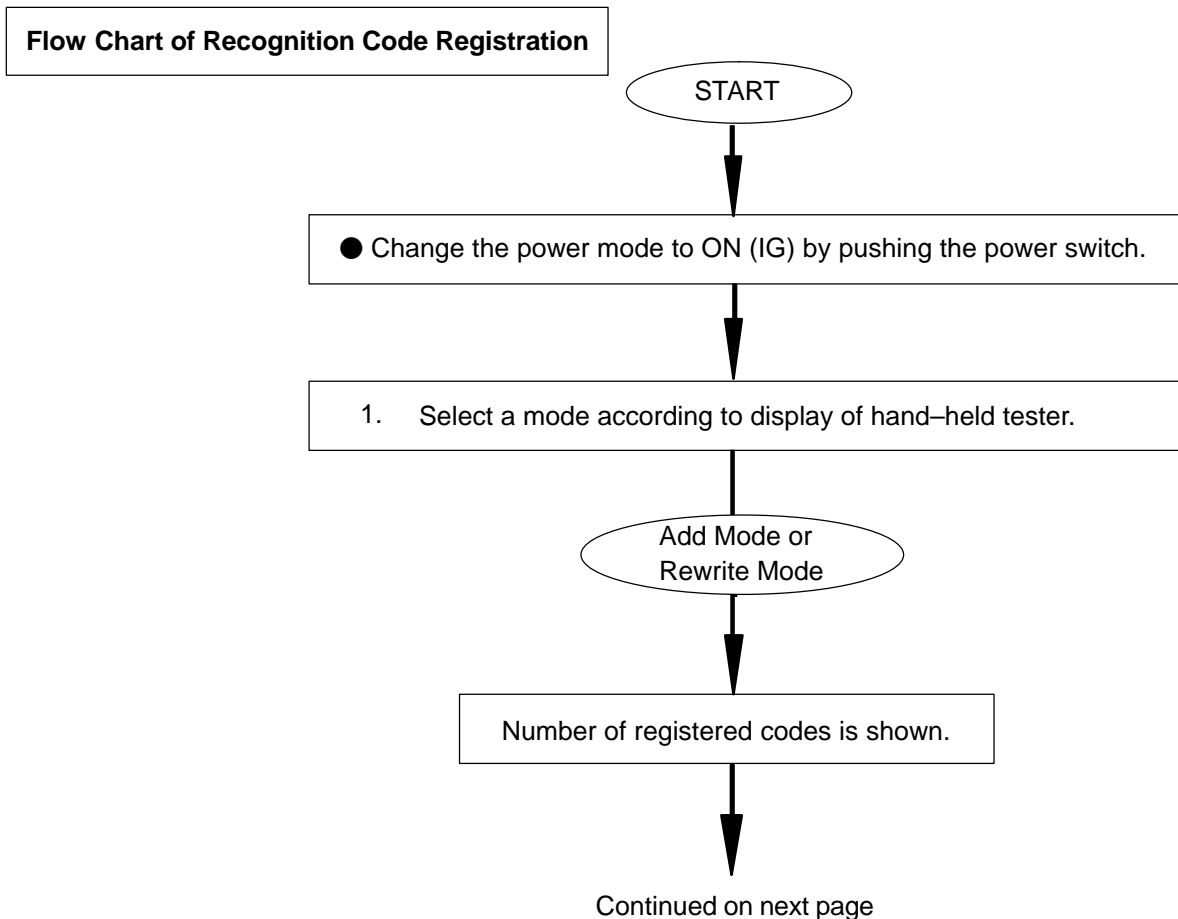
REGISTRATION

HINT:

- Register a recognition code to the multiplex network body ECU when the door control transmitter or the door control receiver (see page 05–2382).
- The 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 4, the previously registered codes will be erased in order, starting from the first registered code.
- The 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.
- The confirmation mode is used to confirm how many recognition codes have already been registered before an additional registration of a recognition codes.
- The 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 continuously.

1. REGISTER RECOGNITION CODE

Flow Chart of Recognition Code Registration

```
                    START
                      │
                      ▼
  ● Change the power mode to ON (IG) by pushing the power switch.
                      │
                      ▼
  1.  Select a mode according to display of hand–held tester.
                      │
                      ▼
              Add Mode or
              Rewrite Mode
                      │
                      ▼
      Number of registered codes is shown.
                      │
                      ▼
           Continued on next page
```

Author :   Date :   **2439**

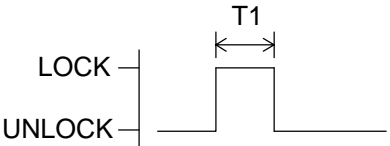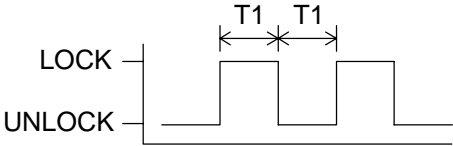Continued from previous page

2. Press LOCK and UNLOCK switch on transmitter simultaneously.

Within 3 seconds

3. Press either switch.

Within 30 seconds

Response to registration completion:

Body ECU automatically performs power door LOCK–UNLOCK operation to show which mode has been selected.

LOCK–UNLOCK Occurs Once

Registration of recognition code has been completed.

T1

LOCK

UNLOCK

LOCK–UNLOCK Occurs Twice

Registration of recognition code has failed.

T1   T1

LOCK

UNLOCK

T1: Approx. 1 second

HINT:
If LOCK–UNLOCK operation is performed twice, registration of recognition code has failed. Perform registration procedures by beginning once again.

Within 40 seconds

Proceed to flow chart to finish registration.

If other transmitter is to be registered.
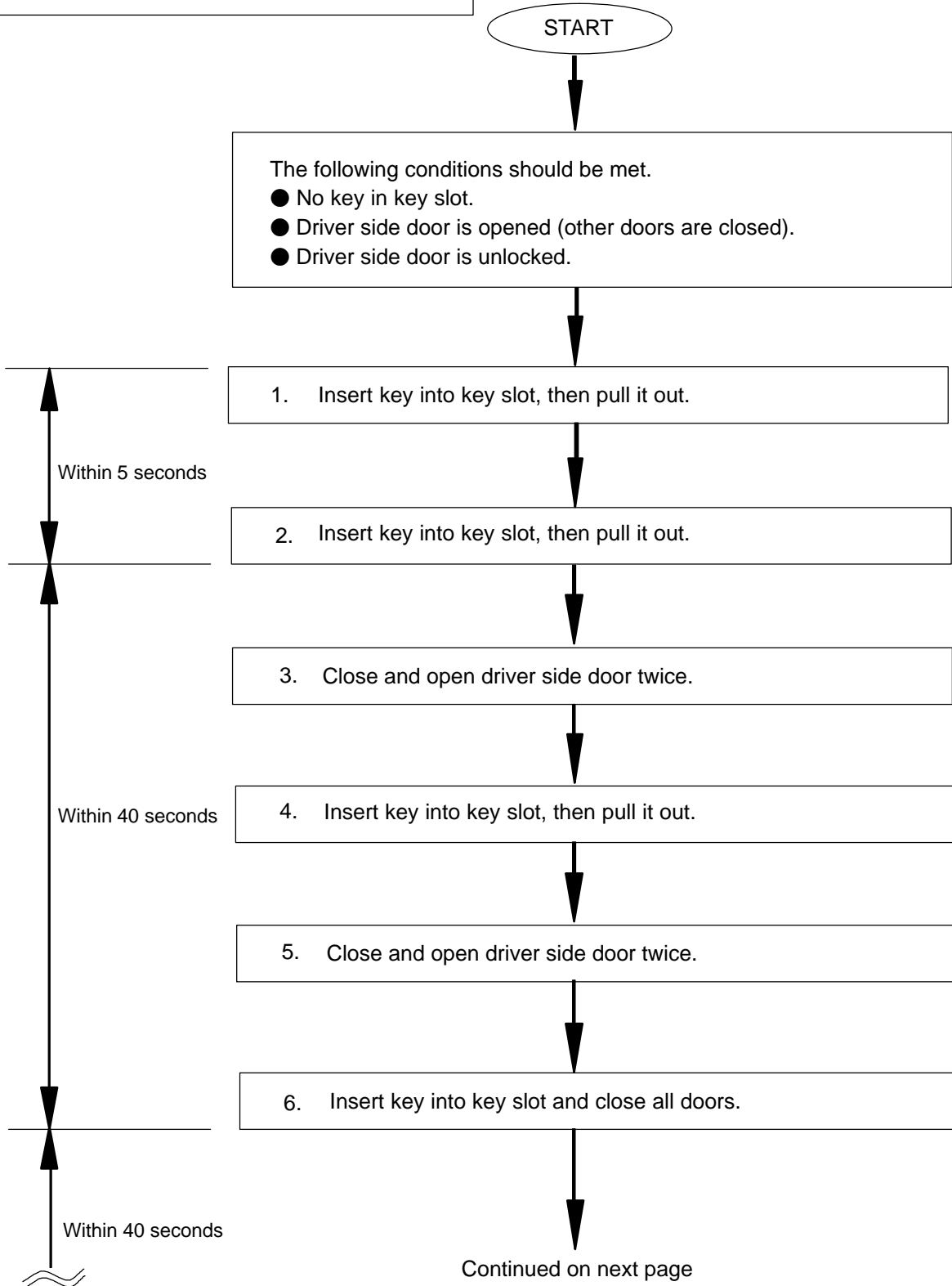HINT:
4 recognition codes can be registered at once.

Perform either of the following.
⚫ Use hand–held tester to order completion.
⚫ Disconnect hand–held tester.

Registration of recognition codes (add mode and rewrite mode) is completed.

2. REGISTER RECOGNITION CODE

Flow Chart of Recognition Code Registration

START

The following conditions should be met.
● No key in key slot.
● Driver side door is opened (other doors are closed).
● Driver side door is unlocked.

Within 5 seconds

1. Insert key into key slot, then pull it out.

2. Insert key into key slot, then pull it out.

Within 40 seconds

3. Close and open driver side door twice.

4. Insert key into key slot, then pull it out.

5. Close and open driver side door twice.

6. Insert key into key slot and close all doors.

Within 40 seconds

Continued on next page
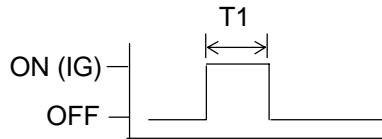
Continued from previous page

Mode Selection:

7. Change the power switch's power mode between ON (IG) and OFF repeatedly once within 1 seconds by pushing the power switch.

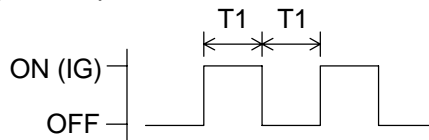   **Number of ON (IG)–OFF operations of power switch:**

   T1: Approx. 1 second

   Add Mode

   ON (IG)–OFF operation: 1 time

   T1

   ON (IG)
   OFF

   Rewrite Mode

   ON (IG)–OFF operation: 2 times

   T1   T1

   ON (IG)
   OFF

   Confirmation Mode

   ON (IG)–OFF operation: 3 times

   T1   T1
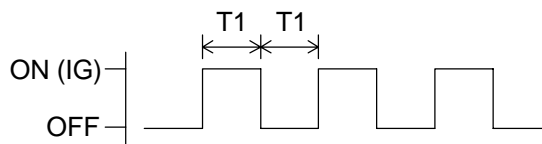
   ON (IG)
   OFF

   Prohibition Mode

   ON (IG)–OFF operation: 5 times

   T1   T1
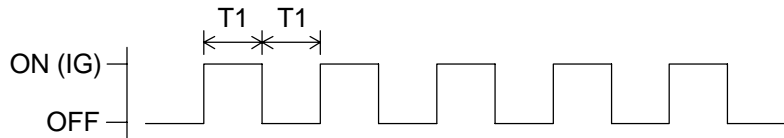
   ON (IG)
   OFF

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

Within 40 seconds

8. Remove key from key slot.

Within 5 seconds

Continued on next page

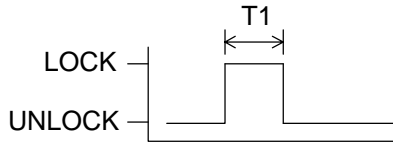**Author :**   **Date :**   **2442**

Continued from previous page

Within 5 seconds

Response to selected mode (Power door lock operation):

Body ECU automatically performs power door LOCK–UNLOCK operation to inform which mode has been selected.
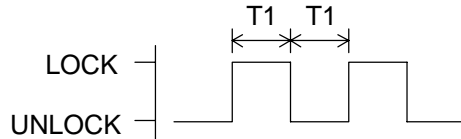
Add Mode

LOCK–UNLOCK operation: 1 time

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

T1

LOCK

UNLOCK

Rewrite Mode

LOCK–UNLOCK operation: 2 times

T1   T1

LOCK

UNLOCK

Confirmation Mode

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

1st time   2nd time

T2   T2
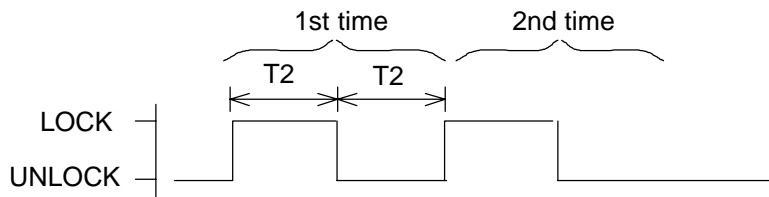
LOCK

UNLOCK

Prohibition Mode

LOCK–UNLOCK operation: 5 times

T1   T1
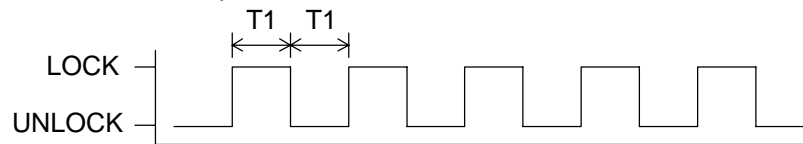
LOCK

UNLOCK

HINT:
● In confirmation mode, when LOCK/UNLOCK operation is performed twice, the number of registered recognition codes is 2.
● In confirmation mode, when 0 codes are registered, LOCK/UNLOCK operation is automatically performed 5 times.

Within 40 seconds

Add Mode or Rewrite Mode

Confirmation Mode and Prohibition Mode

Continued on next page

Registration procedures are completed.

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Continued from previous page

Within 40 seconds

Within 3 seconds

Within 5 seconds

9. Press LOCK and UNLOCK switch on transmitter simultaneously.

10. Press a single switch (LOCK or UNLOCK).

Response to registration completion:

Body ECU automatically performs power door LOCK–UNLOCK operation to show whether registration has been completed correctly or not.

| LOCK–UNLOCK Occurs Once | LOCK–UNLOCK Occurs Twice |

Registration of recognition code has been completed.

Registration of recognition code has failed.

T1

LOCK

UNLOCK

T1   T1

LOCK

UNLOCK

T1: Approx. 1 second

HINT:
If LOCK–UNLOCK operation is performed twice, registration of recognition code has failed. Perform registration procedures by beginning once again.

Within 40 seconds

Proceed to flow chart to finish registration.

If other transmitter is to be registered.
HINT:
4 recognition codes can be registered at once.

Perform either of the following.
● Open a door.
● Insert key into key slot.

Registration of recognition codes (add mode and rewrite mode) is completed.