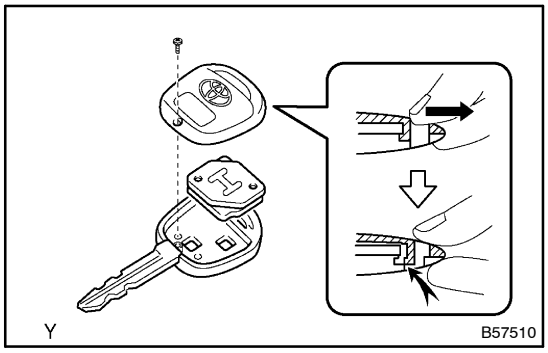
DOOR CONTROL TRANSMITTER SUB–ASSY

730KV–01

REPLACEMENT



1. REPLACE DOOR CONTROL TRANSMITTER SUB–ASSY

CAUTION:

Take extra care when handling these precision electronic components.

(a) Remove the screw and cover.

CAUTION:

Do not pry out the cover forcibly.

HINT:

Pulling back on the top of the cover with your finger should create a gap on the underside of the transmitter, as shown in the illustration. Use the gap to pry up the cover.

2. REGISTRATION OF RECOGNITION CODE

HINT:

- Add mode is used to retain the already registered codes while registering a new recognition code. This mode is used when adding a transmitter. If the number of the registered codes exceeds 4, the previously registered codes will be correspondingly erased in order, starting from the first registered code.
- Rewrite mode is used to erase all the previously registered codes and register only new recognition codes. This mode is used when exchanging the transmitter or the door control receiver with a new one.
- Prohibition mode is used to erase all the registered codes and cancel the wireless door lock function. Use this mode when the transmitter is lost.
- Confirmation mode is to confirm how many recognition codes have already been registered before an additional registration of a recognition code.
- All the following registration procedures must be performed in order.

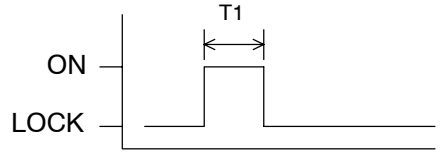
(a) The vehicle should be in the following state.
  (1) The key is not inserted in the ignition key cylinder.
  (2) Driver's door is OPENED (other doors are CLOSED).
  (3) Driver's door is UNLOCKED.

(b) Perform the following operations to select the desired mode.
  (1) Insert and remove the key from the ignition switch twice within 5 seconds.
  (2) After the above operation, close and open the driver door twice within 40 seconds. Then insert the key into the ignition key cylinder and remove it.
  (3) After the above operation, close and open the driver door twice within 40 seconds. Then insert the key into the ignition key cylinder and close the door.
  (4) First turn the ignition switch from LOCK to ON. The system will toggle between modes depending on how may times the ignition switch is turned from ON to LOCK at a rate of 1 operation per second. The key must be removed from the ignition key cylinder to select a mode. See the table on the next page for more information.

Number of ON–LOCK operation of ignition switch

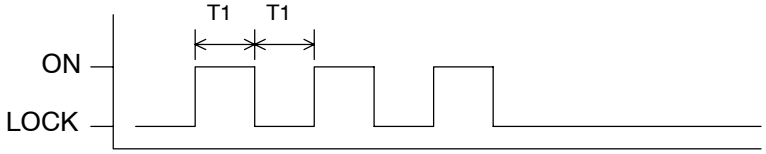
Add Mode

ON–LOCK operation: 1 time



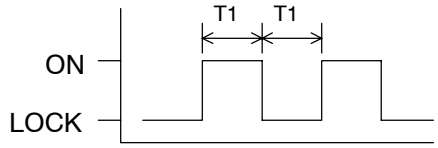
Confirmation Mode

ON–LOCK operation: 3 times



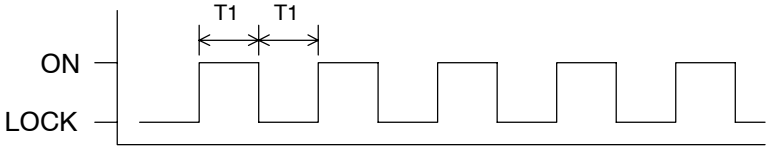
Rewrite Mode

ON–LOCK operation: 2 times



Prohibition Mode

ON–LOCK operation: 5 times



T1: Approx. 1 sec.

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NOTICE:

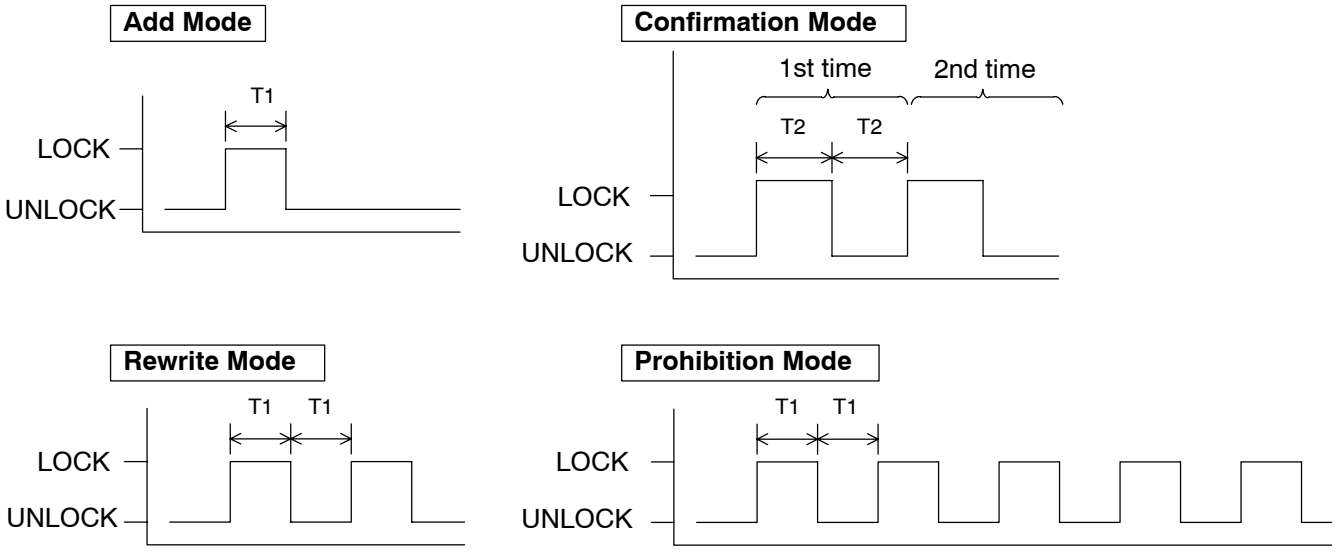
If the ignition switch ON to LOCK operation (at a rate of 1 operation per second) is completed 0, 4, 6, or more than 6 times, the ”response of selected mode” (see next page) will not occur.

(5) After selecting a mode, the integration relay automatically performs a power door LOCK–UNLOCK operation within 3 seconds to inform of the selected mode (see the table below).

HINT:

- In confirmation mode, the LOCK–UNLOCK operation will occur once for each recognition code that has been registered. For example, if 2 recognition codes have been registered, the LOCK–UNLOCK operation will occur 2 rimes.
- In confirmation mode, if no recognition codes have been registered, the LOCK–UNLOCK operation will occur 5 times.
- In confirmation mode and prohibition mode, once a LOCK–UNLOCK operation response has occurred, the registration procedure will end.

Response of selected mode (Power door lock operation)



T1: Approx. 1 sec.
T2: Approx. 2 sec.

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(c) Register new recognition codes (add mode or rewrite mode):

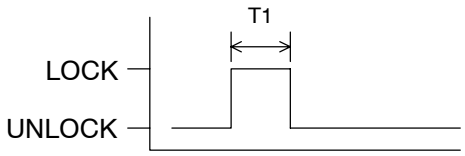
(1) Within 40 seconds after add mode or rewrite mode has been selected, hold down the LOCK and UNLOCK switches on the transmitter for 1.0 to 1.5 seconds.Then, within 3 seconds, hold down any switch for more than 1.0 second.

(2) Within 3 seconds after the transmitter switch has been released, one of the following will occur: 1) if recognition code registration was completed, the LOCK–UNLOCK operation will automatically occur 1 time, or 2) if recognition code registration failed, the LOCK–UNLOCK operation will automatically occur 2 times. If registration fails, preform the registration procedure again.

Response for registration completion

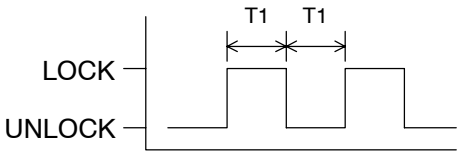
LOCK–UNLOCK Occurs Once

Registration of recognition code has been completed.



LOCK–UNLOCK Occurs Twice

Registration of recognition code has failed.



T1: Approx. 1 sec.

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(3) If multiple transmitter need to be registered, repeat step (c) within 40 seconds after the previous registration.

HINT:

- 4 types of recognition codes can be registered at one time.
- If even one of the following conditions is satisfied, the registration mode will finish.
  - 40 seconds have elapsed while an input of each mode is ready.
  - One of the doors is opened.
  - The key plate is inserted in the ignition key cylinder.
  - 4 types of recognition codes are registered at once.