

ENGINE IMMOBILISER SYSTEM

REGISTRATION PROCEDURE

BE126-02

HINT:

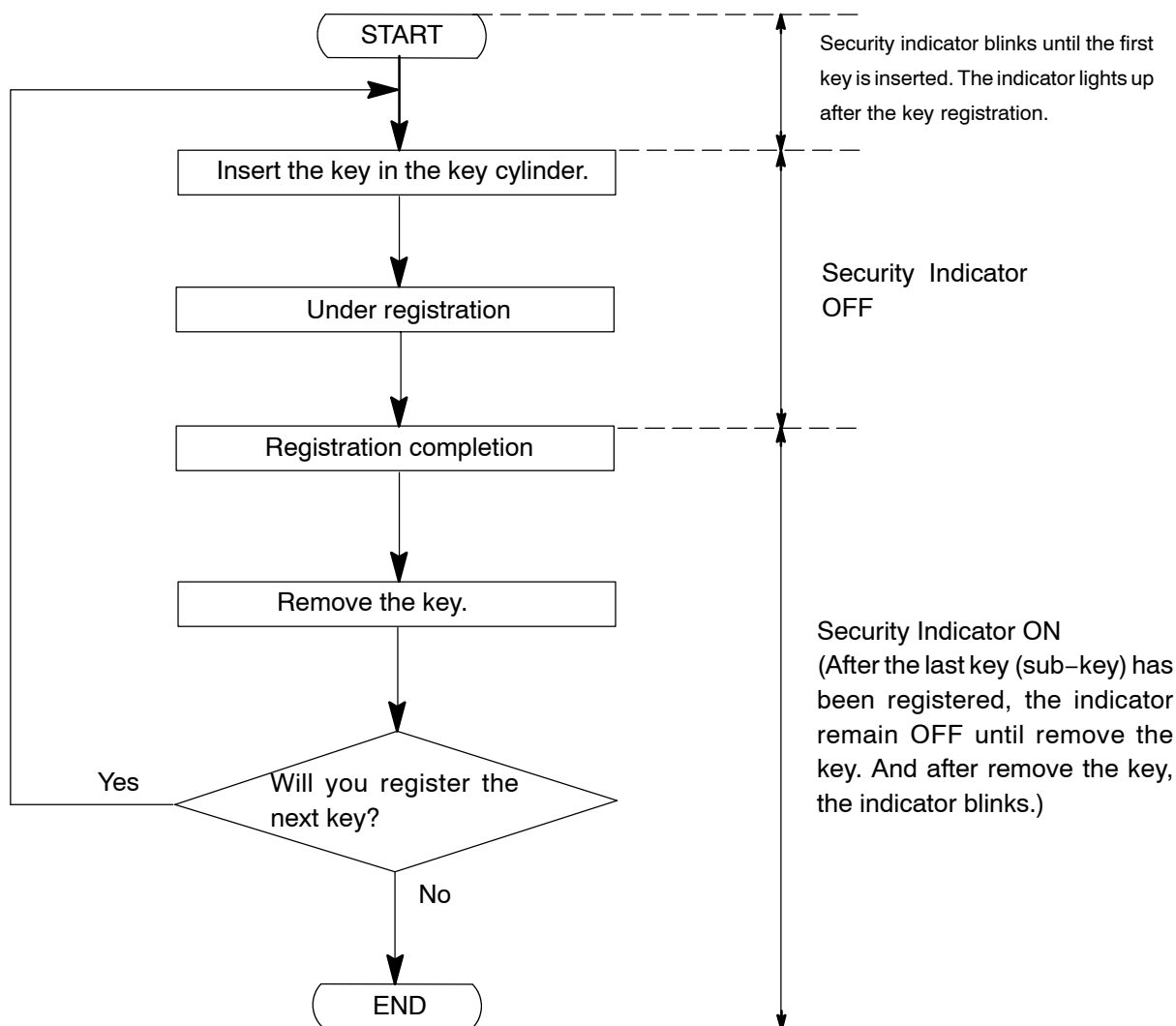
In case of having lost all the already registered master keys, you are not able to do additional registration or deletion. Change the Transponder key ECU and then must register the new key codes according to the following registration procedure of the automatic registration mode.

1. KEY REGISTRATION IN AUTOMATIC REGISTRATION MODE

(a) Registration of a new transponder key.

HINT:

- This must be done when you install a new Transponder key ECU.
- The new Transponder key ECU is on the automatic key code registration mode. The already fixed number of key codes for this Transponder key ECU can be registered.
On this type of vehicle, up to 3 key codes can be registered.
- A master and sub key are registered automatically.



HINT:

- When a key is not inserted in the key cylinder on the automatic registration mode, the security indicator always lights on.
- When the immobiliser system operates normally and the key is pull out, the security indicator blinks.

(b) Automatic registration mode completion

If completing the mode forcibly when more than 1 key code have been registered on the automatic registration mode, perform the following procedures.

After 1 more key code have been registered with master key, perform step (1) or (2) without pulling the key out or inserting the already registered key.

(1) Turn the ignition switch LOCK → ON 5 times within 10 sec.

(2) With the TOYOTA hand-held tester, require automatic registration mode completion.

2. REGISTRATION OF ADDITIONAL MASTER KEY AND SUB KEY

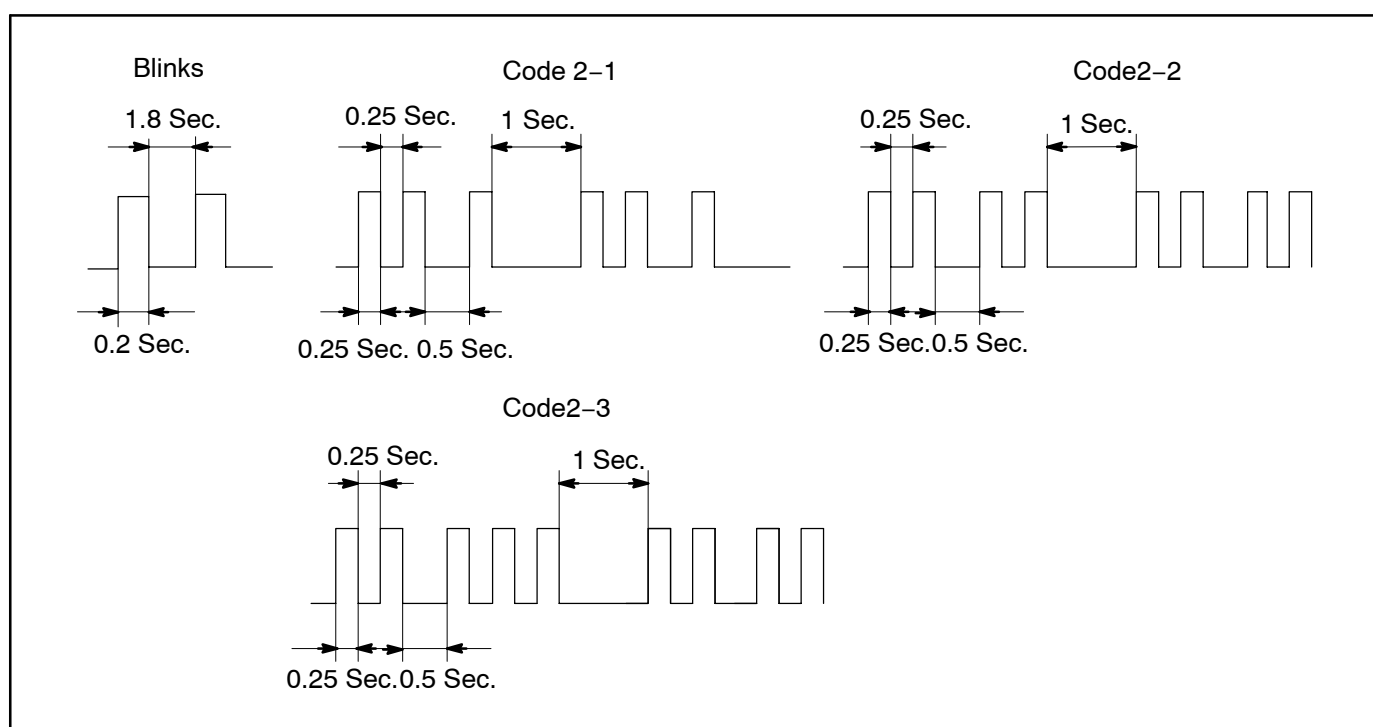
It is possible to carry out additional registration of the supply key.

HINT:

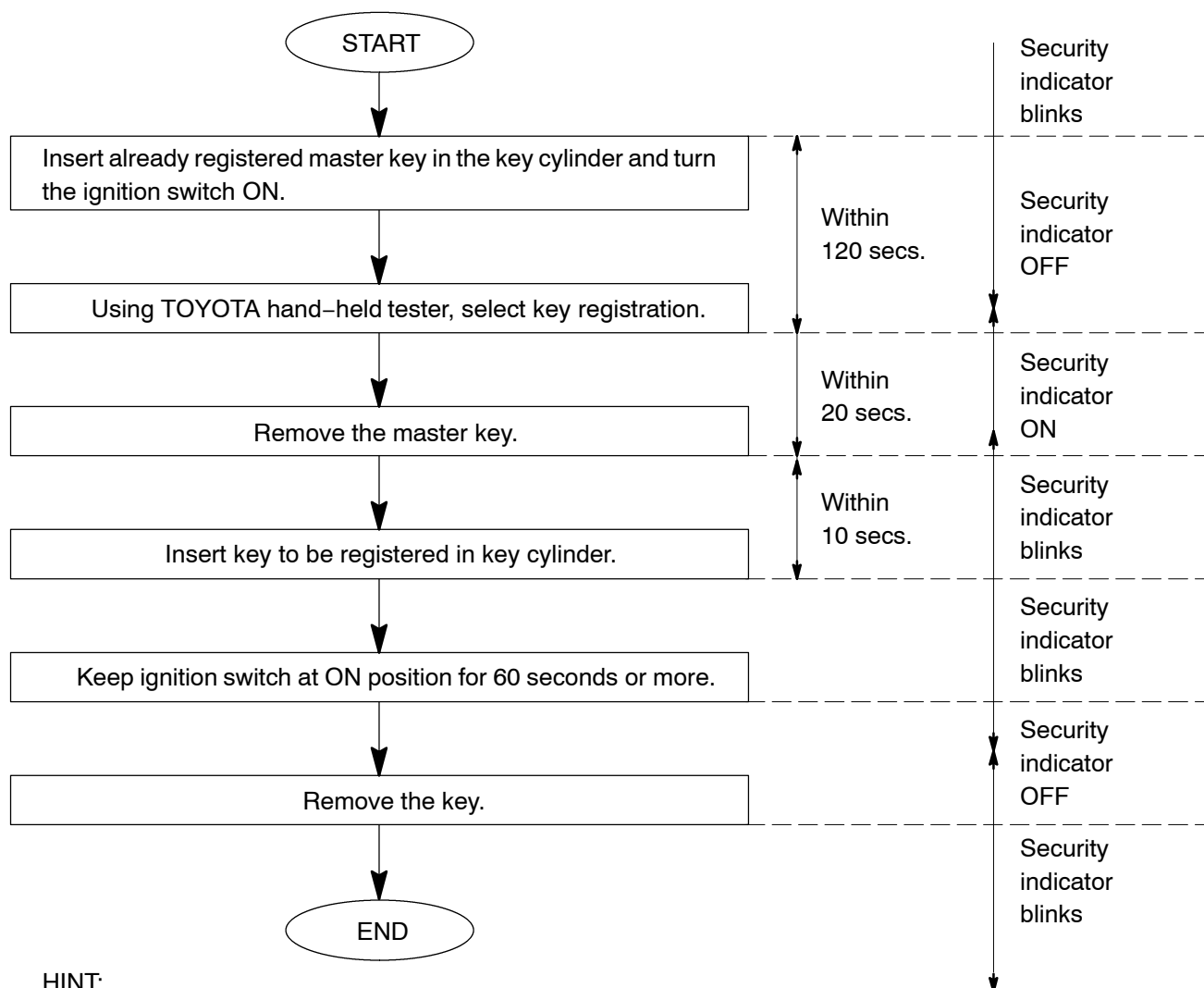
- It is possible to register up to 5 master key codes including the already registered key code.
- It is possible to register up to 3 sub key codes including the already registered key code.
- When any operation time described below is over, registration mode completes.
- When the next procedure is performed while the timer is working, the timer completes counting time, then next timer starts.
- When replacing "Ignition Cylinder Key Set" or "Lock Cylinder Set" and register according to the following procedure using the original master key. However, after the registration of the additional master key, as the original master key and the original sub-key is not necessary any more, so erase registration of those key codes.
- For the registration order, it is not necessary to distinguish between Main and Sub.
(Main key and Sub key are automatically identified)

When a registration error in the transponder key ECU is detected, the security indicator indicates the following codes.

2 - 1	Communication error between the key to be registered and the transponder key ECU
2 - 2	When trying to register the key that is already registered
2 - 3	When exceeding the number of keys can be registered (Master key: 5, Sub key: 3)



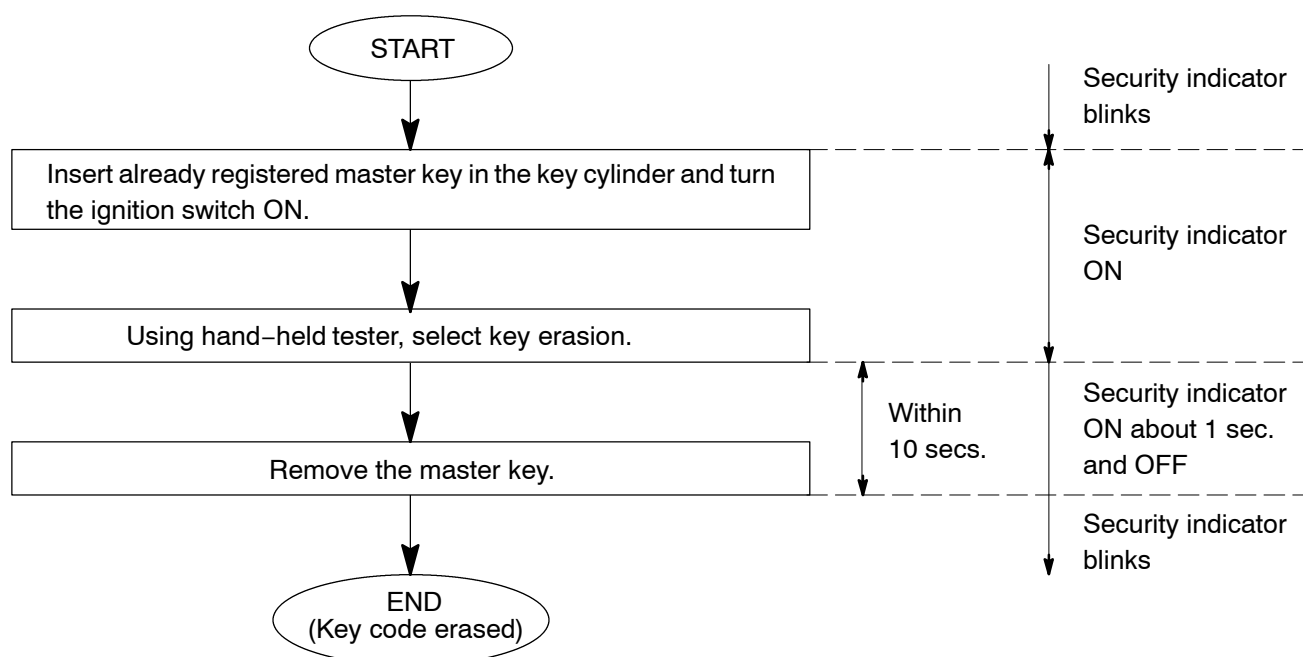
(1) Using hand-held tester:

**HINT:**

Please follow the screen of the hand-held tester for more detailed procedure.

3. ERASURE OF TRANSPONDER KEY CODE

Using hand-held tester:



HINT:

- Follow the screen of the hand-held tester for more detailed procedure.