

POWER DOOR LOCK CONTROL SYSTEM

ON-VEHICLE INSPECTION

73083-01

1. DOOR LOCK FAIL-SAFE

- (a) When a malfunction in the door control switch (manual switch, interlocked operation with key) has been detected, door LOCK/UNLOCK operations become unable.

2. CHECK FOR ELECTRICAL DOOR LOCK OPERATION

- (a) Check the basic function.
- (1) Check all doors will lock when the door control switch (for manual operation) is turned to the lock side and all doors will unlock when turned to the unlock side.
 - (2) Check all doors will lock when the driver's door is operated to be lock and all doors will unlock when operated to be unlock, by the key operation outside the vehicle.
- (b) Check the key confinement prevention function.

NOTICE:

In order to prevent the key from confined, the inspection should be made with the driver's door glass open.

- (1) Insert the ignition key into the ignition switch lock cylinder.
 - (2) With the driver's door open, check all doors will immediately unlock when the door lock knob for the driver's door is turned to the lock side.
 - (3) With the driver's door open, check all doors will immediately unlock when the door control switch (for manual operation) is turned to the lock side.
 - (4) With the driver's door open, lock the driver's door lock by holding the driver's door lock knob in the lock side for 2 seconds or more and then close the driver's door. Then, check that all doors will unlock.
- (c) Check the security function.
- (1) Close all doors with the driver's door glass open so that the door control switch can be operated outside the vehicle.
 - (2) Pull out the ignition key, open the driver's door, and close and lock the door without a key operation. Under this condition, check that all doors will not unlock when the door control switch (for manual operation) is turned to the unlock side outside the vehicle.
 - (3) Pull out the ignition key, close and lock the driver's door by the key operation. Under this condition, check that all doors will not unlock when the door control switch (for manual operation) is turned to the unlock side outside the vehicle.
 - (4) Pull out the ignition key, close the driver's door and lock the door by the wireless door lock operation. Under this condition, check that all doors will not unlock when the door control switch (for manual operation) is turned to the unlock side outside the vehicle.

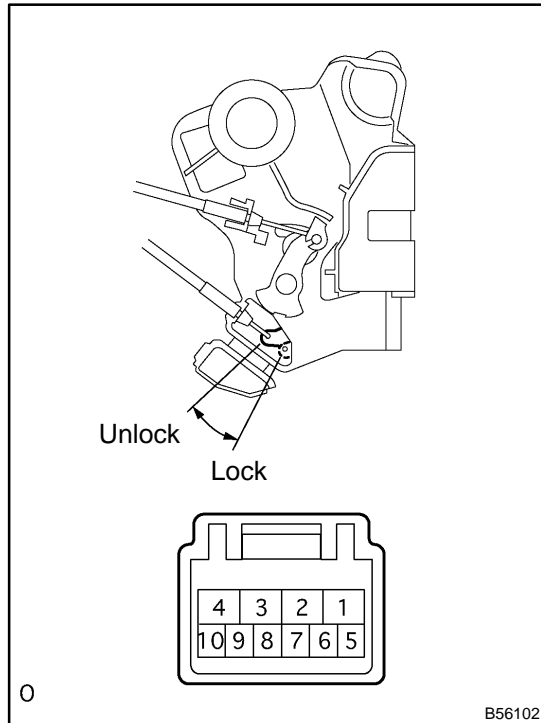
HINT:

Under the conditions below, check that the security function will cancel.

- Ignition switch turned ON.
- Driver's door unlocked by the key operation.
- Door control switch (for manual operation) turned to the unlock side after unlocking the door control knob manually.
- Doors are unlocked by the wireless operation.

- (d) Check the illumination function.
 - (1) Move the map light switch in the DOOR position.
 - (2) Check that the map light will be on simultaneously with all doors' unlocking operation when the driver's door of all the closing doors is turned unlock by the key operation.
 - (3) Map light will be off in approximately 15 seconds if a door has not been opened for a while.

INSPECTION



1. INSPECT FRONT DOOR W/MOTOR LOCK ASSY RH

- (a) Inspect the door lock motor operation.

Standard:

Measuring condition	Operation
Battery positive – Terminal 4 Battery negative – Terminal 1	Lock
Battery positive – Terminal 1 Battery negative – Terminal 4	Unlock

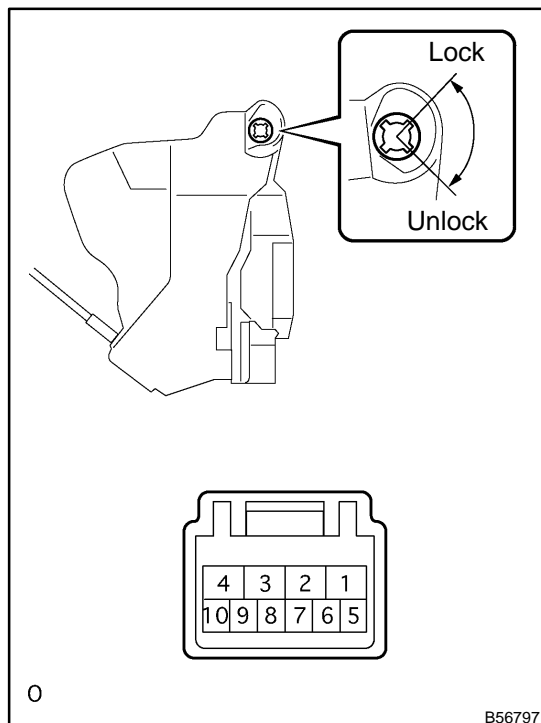
If the operation is not as specified, replace the door lock assembly.

- (b) Inspect the position switch continuity.

Standard:

Terminal No.	Door lock position	Specification
7 ↔ 8	Lock	No continuity
	Unlock	Continuity

If the continuity is not as specified, replace the door lock assembly.



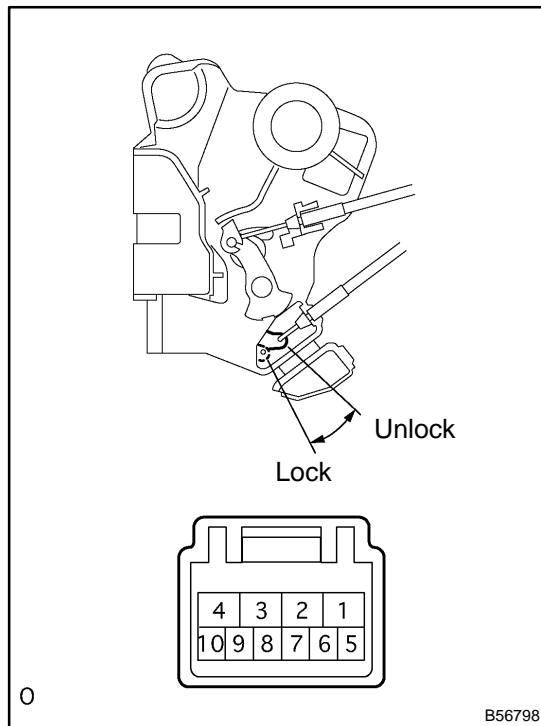
2. INSPECT FRONT DOOR W/MOTOR LOCK ASSY LH

- (a) Inspect the door lock assembly continuity.

Standard:

Terminal No.	Switch position	Specified condition
9 – 7	Lock	Continuity
–	OFF	No continuity
10 – 7	Unlock	Continuity

If the operation is not as specified, replace the door lock assembly.



- (b) Inspect the door lock motor operation.

Standard:

Measuring condition	Operation
Battery positive – Terminal 4 Battery negative – Terminal 1	Lock
Battery positive – Terminal 1 Battery negative – Terminal 4	Unlock

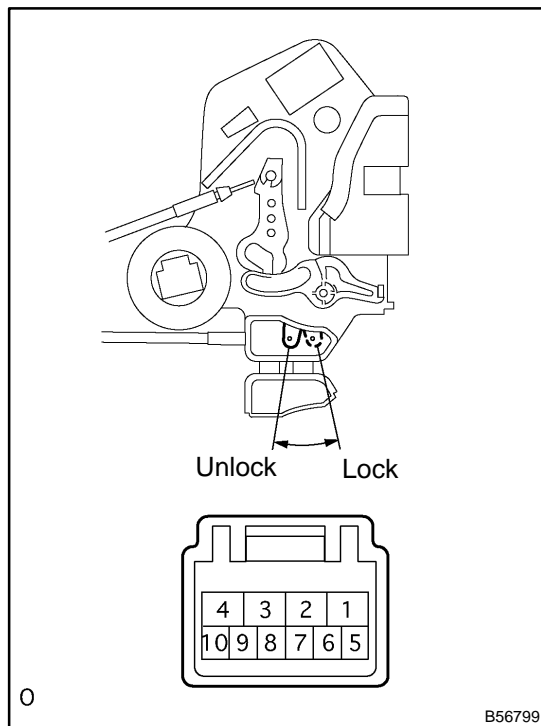
If the operation is not as specified, replace the door lock assembly.

- (c) Inspect the position switch continuity.

Standard:

Terminal No.	Door lock position	Specification
7 ↔ 8	Lock	No continuity
	Unlock	Continuity

If the continuity is not as specified, replace the door lock assembly.

**3. INSPECT REAR DOOR W/MOTOR LOCK ASSY RH**

- (a) Inspect the door lock motor operation.

Standard:

Measuring condition	Operation
Battery positive – Terminal 4 Battery negative – Terminal 1	Lock
Battery positive – Terminal 1 Battery negative – Terminal 4	Unlock

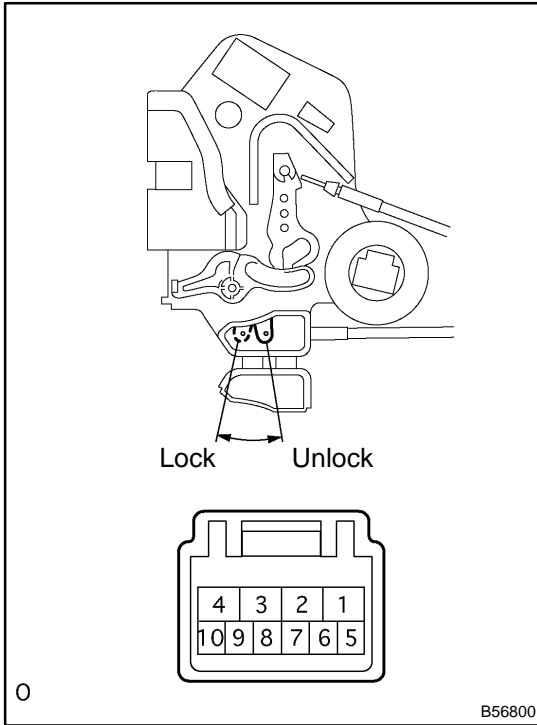
If the operation is not as specified, replace the door lock assembly.

- (b) Inspect the position switch continuity.

Standard:

Terminal No.	Door lock position	Specification
6 ↔ 9	Lock	No continuity
	Unlock	Continuity

If the continuity is not as specified, replace the door lock assembly.



4. INSPECT REAR DOOR W/MOTOR LOCK ASSY LH

- (a) Inspect the door lock motor operation.

Standard:

Measuring condition	Operation
Battery positive – Terminal 4 Battery negative – Terminal 1	Lock
Battery positive – Terminal 1 Battery negative – Terminal 4	Unlock

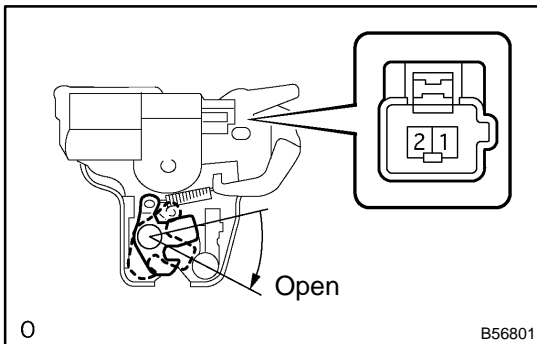
If the operation is not as specified, replace the door lock assembly.

- (b) Inspect the position switch continuity.

Standard:

Terminal No.	Door lock position	Specification
6 ↔ 9	Lock	No continuity
	Unlock	Continuity

If the continuity is not as specified, replace the door lock assembly.



5. LUGGAGE COMPARTMENT DOOR LOCK ASSY

- (a) Inspect the door lock motor operation.

Standard:

Measuring condition	Operation
Battery positive – Terminal 1 Battery negative – Lock body	Open

If the operation is not as specified, replace the door lock assembly.

WIRELESS DOOR LOCK CONTROL SYSTEM

ON-VEHICLE INSPECTION

73085-01

1. CHECK WIRELESS DOOR LOCK CONTROL FUNCTION

HINT:

The switch described in this text is a switch for transmitting (LOCK switch and UNLOCK switch), built in the door control transmitter.

- (a) Vehicle's initial condition (condition of wireless control possible)
 - No key in the ignition key cylinder
 - All doors closed (door open indicator off)
 - All doors locked
- (b) Check the basic function.
 - (1) Check whether the LED lights up 3 times when each switch is pressed 3 times.

HINT:

In case that the LED does not light up when the switch has been pressed 3 times or more, it may be caused by the dead battery.

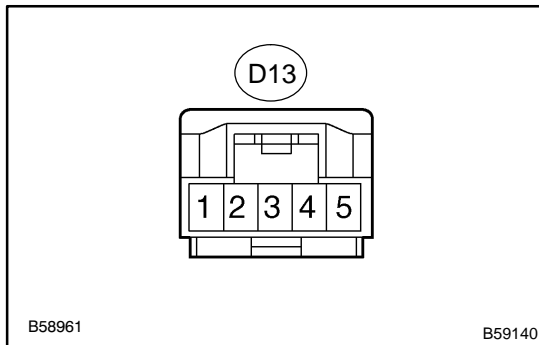
- (2) In the remote control operational area, check that all the doors will lock or unlock when the switch has been pressed for approximately 1 second. It is, however, not the case where the key is in the ignition key cylinder or any of the doors is open.

HINT:

The UNLOCK operation is possible even when any of the doors is open.

- (3) Check that the luggage compartment door opens when the trunk switch has been pressed for 1 second (the operation is possible even when a door is open).
- (c) Check the automatic locking function.
 - (1) Check that all doors will automatically lock as long as any of the doors has not been opened or all doors have not been locked within approximately 30 seconds after all doors are unlocked by pressing the switch.
 - (2) Under the above condition, the automatic locking function will not work if any of the doors has been opened or all doors have been locked within approximately 30 seconds.
- (d) Check the switch operation fail-safe function.
 - (1) Check that doors are not locked or unlocked by the switch while the key is in the ignition key cylinder. However, the time of the discrimination code registration mode is excepted.
- (e) Check the chattering prevention function.
 - (1) Check that the corresponding operation will be done only once but not repeat continuously when the switch has been kept pressing. However, if the operations are carried out by approximately 1 second interval, from the time to release the switch till the time to press it again, check that a corresponding operation to the switch that will be pressed next will be carried out.
- (f) Check the repeat function.
 - (1) Check that all doors will automatically lock once again in 1 second after the lock switch has been pressed while the move of the driver's door control knob, which is in unlocking state, is being blocked forcibly.
- (g) Check the operation stop function when a door is open or not completely close.
 - (1) Check that doors are not locked or unlocked by the switch while any of the doors is open or not completely close. However, trunk lock doors and to open the trunk are possible.

- (h) Check the hazard flashing and buzzer sounding function (answer back).
- (1) Check that the hazard lights will flash and also the buzzer will sound once (when locked) or twice (when unlocked) simultaneously with all doors' locking or unlocking operation, when the switch is pressed.



2. CHECK WIRELESS CONTROL RECEIVER

- (a) Disconnect the D3 receiver connector and check that the connector on the wire harness side.
- (b) Check the voltage and continuity of each terminal of the wire harness side connector.

Standard :

Symbols (Terminal No.)	Wiring color	Condition	Specification
GND (D13-1) ⇔ Body ground	W-B	Constant	Continuity
+B (D13-5) ⇔ Body ground	R	Constant	10 – 14 V

HINT:

If the value is not as specified, the wire harness side may be defective.

- (c) Using an oscilloscope, connect the receiver connector and check the voltage.

Standard :

Symbols (Terminal No.)	Wiring color	Condition	Specification
RDA (D13-2) ⇔ Body ground	L-W	All door is closed → Door control transmitter ON	Below 1 V → 6 – 7 V → Below 1 V

HINT:

If the value is not as specified, the wire harness side may be defective.

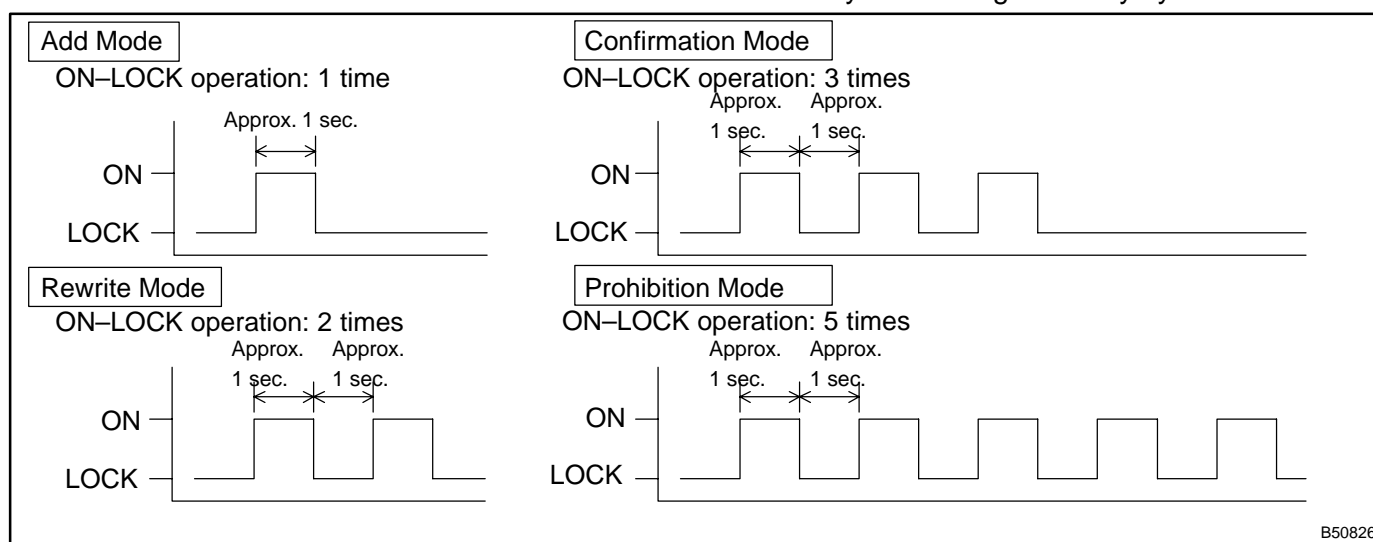
DOOR CONTROL TRANSMITTER REPLACEMENT

73084-01

1. REGISTRATION OF RECOGNITION CODE

HINT:

- The add mode is used to retain already registered codes while registering new recognition codes. This mode is used when adding a transmitter. If the number of registered codes exceeds 4, previously registered codes will be correspondingly erased in order, starting from the first registered code.
 - The 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 new one.
 - The prohibition mode is used to erase all the registered codes and cancels the wireless door lock function. Use this mode when the transmitter is lost.
 - The confirmation mode is for confirming how many recognition codes have already been registered before an additional registration of a recognition code.
- (a) The vehicle should be in the following conditions.
- (1) The key is not inserted in the ignition key cylinder.
 - (2) Driver's door is OPENED. (The other doors are CLOSED)
 - (3) Driver's door is UNLOCKED.
- (b) Perform the followings after the above operations.
- (1) Insert and remove the key from the ignition key cylinder twice within 5 seconds.
 - (2) After the above operations, 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 operations, close and open the driver door twice within 40 seconds. Then insert the key into the ignition key cylinder and close the door.
 - (4) Turn the ignition switch from LOCK to ON and back to LOCK at approximately. 1 second interval 1 to 5 times to select the mode. Then remove the key from the ignition key cylinder.



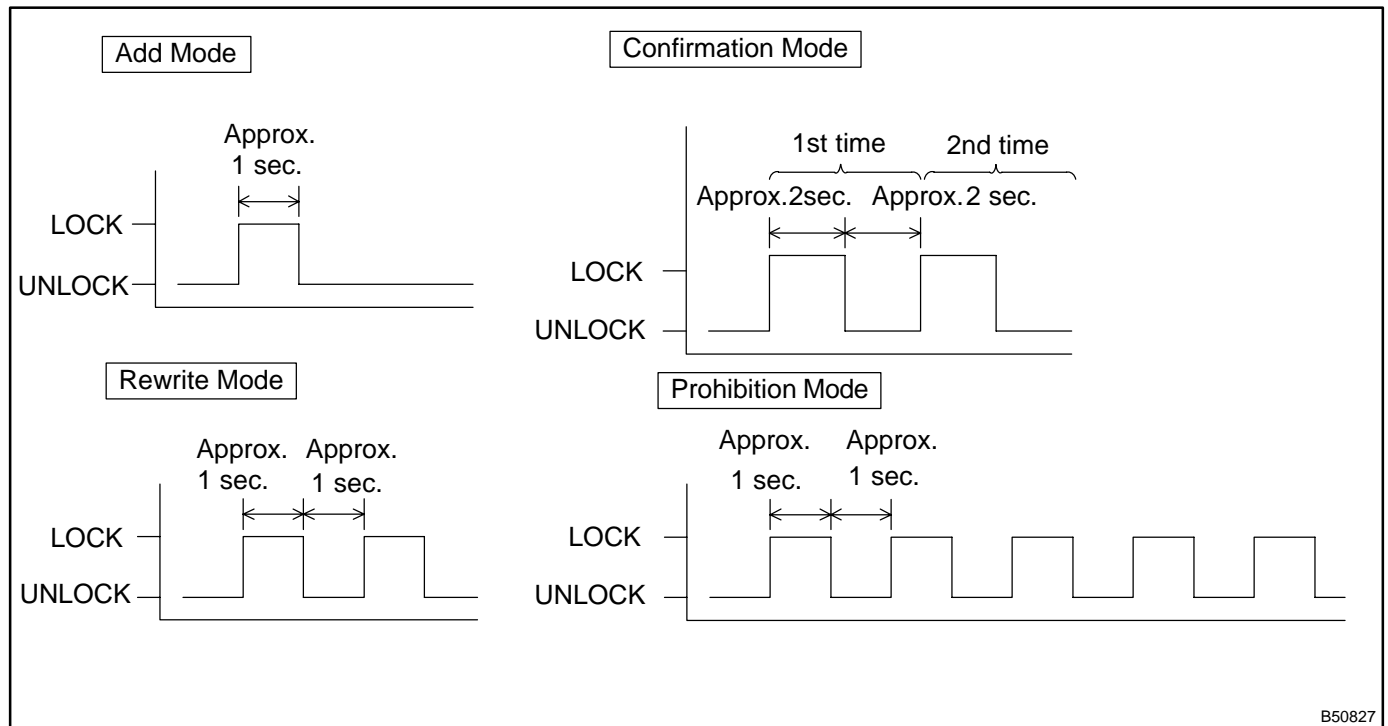
NOTICE:

If the number of the ON-LOCK operation of the ignition switch is 0, 4 or 6 or more, the operation will finish without any signs.

- (5) Check that the MPX body ECU automatically performs the LOCK–UNLOCK operation within 3 seconds to inform the operator of a selected mode.

HINT:

In the confirmation mode as shown in the illustration, when the LOCK–UNLOCK operation is performed twice, it means that 2 types of recognition codes are registered.

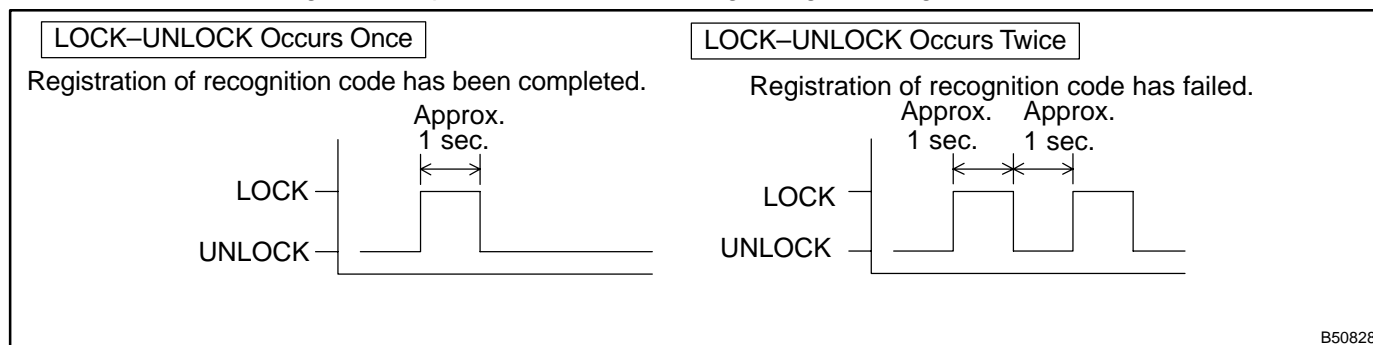
**NOTICE:**

In the confirmation mode, if the number of the registration code is 0, the ON–LOCK operation is automatically performed 5 times.

HINT:

If the prohibition mode and confirmation mode are selected, the registration of the recognition code is completed at this time.

- (c) Register a transmitter.
- (1) Within 40 seconds after the add mode or the rewrite mode has been selected, press the LOCK and UNLOCK switches on the transmitter simultaneously for 1.0 – 1.5 seconds.
 - (2) Within 3 seconds, press either one of the switches for more than 1.0 second.
 - (3) Within 3 seconds, the LOCK–UNLOCK operation will be automatically performed once if the registration of the recognition code of the transmitter has been completed correctly. If the LOCK–UNLOCK operation is performed twice, the registration of the recognition code has failed. Perform the registration procedure from the beginning once again.



- (4) When continuing the registration, register the next transmitter within 40 seconds after the previous registration.

HINT:

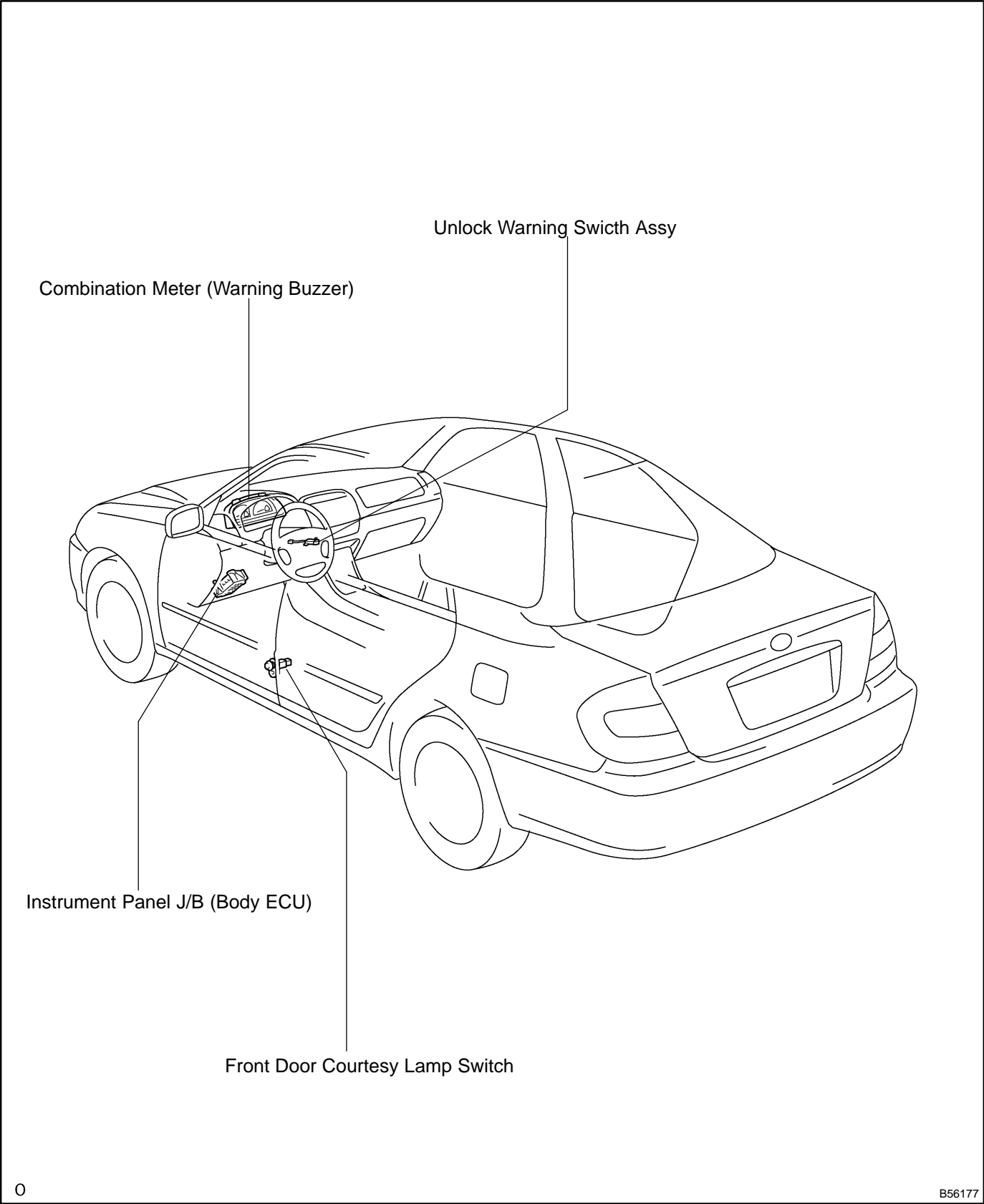
4 types of recognition codes can be registered at once.

- (d) If even one of the following conditions is satisfied, the registration of the recognition code is completed.
- (1) 40 seconds have elapsed since the response of the door control relay.
 - (2) The driver's door is opened.
 - (3) The key plate is inserted in the ignition key cylinder.
 - (4) 4 types of recognition codes are registered at one time.

KEY UNLOCK WARNING SYSTEM

LOCATION

7307U-02



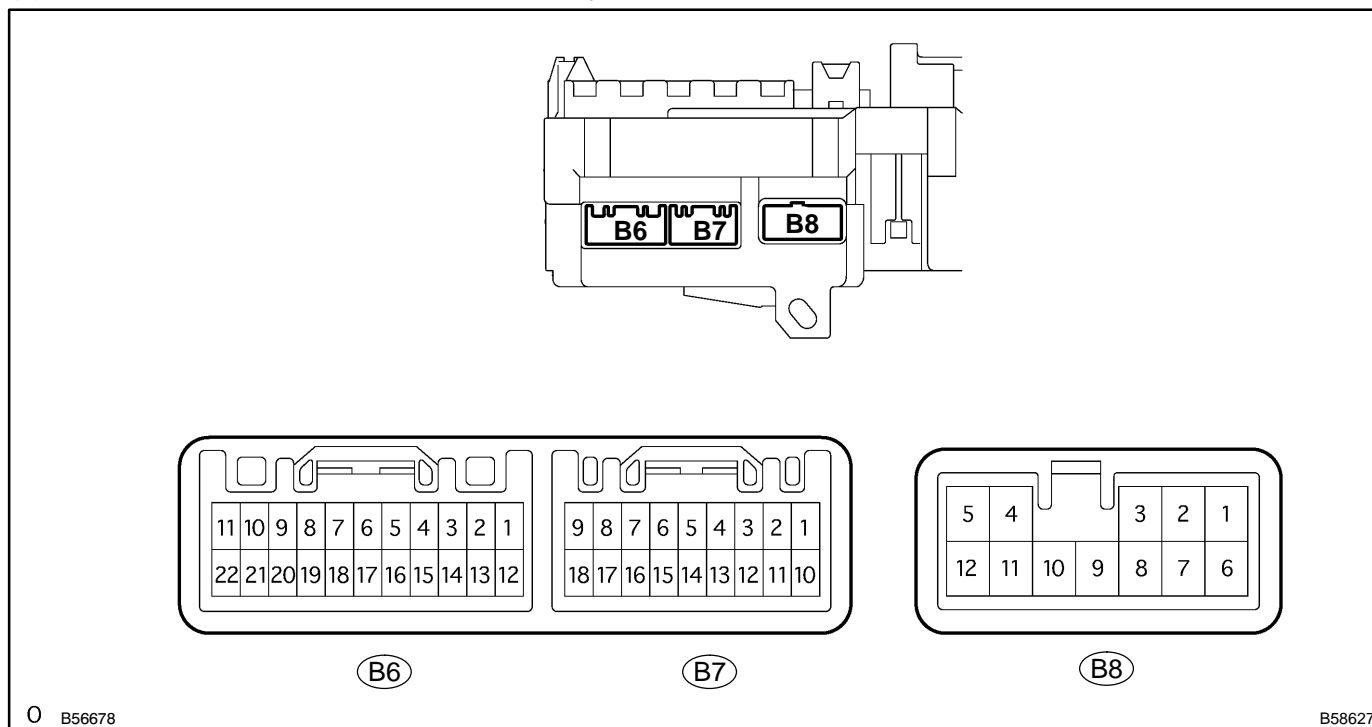
ON-VEHICLE INSPECTION

1. FUNCTION CHECK

- (a) Check that the key reminder warning buzzer will sound.
 - (1) With the driver's door close, insert the key into the ignition switch lock cylinder, and then turn the key to the LOCK or ACC.
 - (2) Then, check that the buzzer will sound intermittently if the driver's door is opened.
- (b) Check that the key reminder warning buzzer will stop.
 - (1) Check that the buzzer will stop if any of the following operations is done while the buzzer is sounding.
 - (2) Close the driver's door (front door courtesy lamp switch assembly is off).
 - (3) Turn the ignition switch ON.
 - (4) Pull out the key from the ignition switch lock cylinder.

2. CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY (BODY ECU) (LEFT SIDE)

- (a) Disconnect the B6 body ECU connector.
- (b) Check the connector terminal continuity.



Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
KSW (B6-19) ⇔ Body ground	L ⇔ Body ground	No key in ignition switch lock cylinder → Key inserted	No continuity → Continuity

HINT:

If the value is not as specified, check and replace the wire harness side.

- (c) Reconnect the connector.
- (d) Check the connector terminal voltage.

Standard:

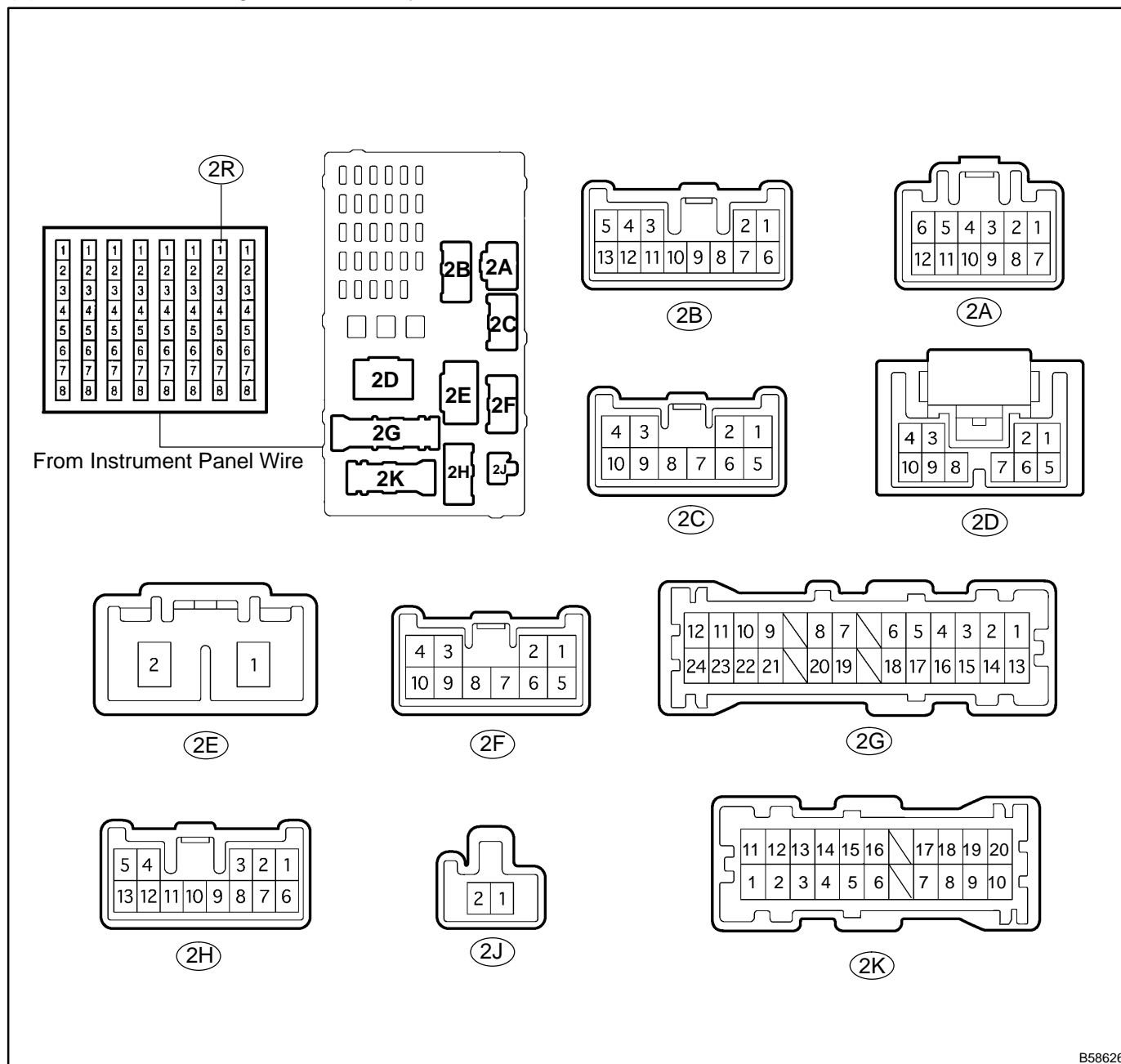
Symbols (Terminal No.)	Wiring color	Condition	Specified condition
DCTY (B8-1) ⇔ Body ground	R-G ⇔ Body ground	Driver's door fully closed → Opened	10 - 14 V → 0 V

HINT:

If the value is not as specified, check the instrument panel J/B side.

3. CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY (BODY ECU) (REAR SIDE)

- (a) Disconnect the 2F and 2G connectors.
 (b) Check the voltage and continuity between the connector terminals.



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Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
B (2F-7) ⇔ Body ground	R ⇔ Body ground	Constant	10 - 14 V
BDR1 (2G-14) ⇔ Body ground	L-W ⇔ Body ground	Constant	10 - 14 V
GND (2R-8) ⇔ Body ground	W-B ⇔ Body ground	Constant	Continuity

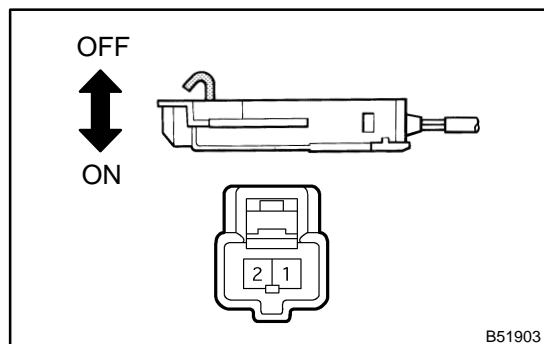
HINT:

If the value is not as specified, check and replace the wire harness side.

PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See page
Key unlock warning buzzer does not sound	1. Unlock warning switch	73-15
	2. Front door courtesy lamp switch	73-15
	3. Instrument panel J/B (Body ECU)	73-12
	4. Combination meter	–
	5. Wire harness	–

INSPECTION



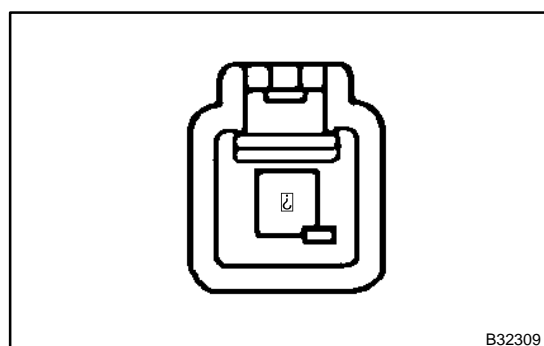
1. INSPECT UN-LOCK WARNING SWITCH ASSY

- (a) Check the switch continuity.

Standard:

Terminal No.	Condition	Specification
1 ↔ 2	Switch pressed in	Continuity
	Switch not pressed in	No continuity

If the continuity is not as specified, replace the switch.



2. INSPECT COURTESY LAMP SWITCH

- (a) Check the switch continuity.

Standard:

Terminal No.	Condition	Specification
1 ↔ Switch body	FREE	Continuity
	PUSH	No continuity

If the continuity is not as specified, replace the switch.

THEFT DETERRENT SYSTEM

ON-VEHICLE INSPECTION

7307L-01

1. DESCRIPTION OF AUTOMATIC ALARMING CONDITION

Condition	Description
Disarming condition	Alarm system is not set. (Theft detection is not performed)
Arming preparation condition (30 sec.)	Preparing for the alarm system being set after the system setting conditions are satisfied. (Theft detection is not performed)
Arming condition	Alarm system is set. (Theft detection is performed)
Alarming condition	Alarming with hazard warning lights and horns by detecting a theft. (Alarming is kept for 60 sec.)

2. INSPECT AUTOMATIC ALARM OPERATION

HINT:

- Wireless operation written in this text shows the operation of the "LOCK/UNLOCK" and the door control transmitter switch operation and each operation as well.
 - All doors written in this text shows "4-door".
- (a) Disarming condition → arming preparation condition (with no key in the ignition switch lock cylinder).
 - (1) Lock all doors via the wireless operation when all doors, hood and back door are closed.
 - (b) Arming preparation condition → Arming condition (30 seconds have elapsed since the disarming preparation condition)
 - (c) Arming condition → Alarming condition (alarming functions when any of the following conditions is satisfied)
 - (1) Any of the doors or hood is open.
 - (2) Any of the doors is unlocked by any ways except the wireless operation.
 - (3) The hood is open.
 - (4) The battery is reconnected.
 - (5) The ignition terminal is short-circuited.
 - (6) The self power siren sounds at the same time when the battery is disconnected.
 - (d) Alarming (arming) condition → Disarming condition (if step (1) is satisfied during the arming condition, it enters into the disarming condition. Also, if step (1) is satisfied during the alarming condition, it stops alarming and enters into the disarming condition.)
 - (1) All doors are unlocked by the wireless operation.
 - (e) Alarming condition (after the condition (c) has been satisfied, it starts the alarming condition, such as the hazard light's flashing, dome in lamp's flashing, horn's sounding and security siren's sounding for 60 seconds, and the doors are locked forcibly (If any of the doors is unlocked).

HINT:

It transfers into the arming condition 60 seconds after the alarming.

- (f) Arming preparation condition → Disarming condition (if any of the following conditions is satisfied during the arming preparation condition, it enters into the disarming condition).
 - (1) Any of all doors is unlocked.
 - (2) Any of all doors and the back door is open.
 - (3) The hood is open.
 - (4) The key is inserted into the ignition switch lock cylinder.
 - (5) The battery is reconnected.
 - (6) The ignition switch is turned ON.

3. CHECK OUTPUTS OF INDICATOR

(a) Check that the indicator light comes on in the following condition.

Condition	Indicator light
Disarming condition (Immobilizer unset)	OFF
Disarming condition (Immobilizer set)	Blink
Arming preparation condition	ON
Arming condition	Blink
Alarming condition	ON

4. THEFT DETERRENT SYSTEM

When the system is set to the theft deterrent mode and any of the following conditions are met, the system sounds the horns and flashes the headlights and the taillights for approximately 1 minute. At the same time the system locks all doors (If all doors are not locked at once, the system repeats door locking operation every 0.38 seconds during the one minute alarming time).

There are 2 modes in this system; one is active mode and another is passive mode.

All initial settings are performed in the active mode. It can be switched to the passive mode by a specified operation.

- Any of the doors (including the engine hood and luggage compartment door) is unlocked or opened without the key. *1
- The battery terminal is disconnected and reconnected.
- The system receives a panic signal from remote keyless entry. *2

*1: Only active arming mode.

*2: When the ignition key is not inserted in the key cylinder.

There are 4 conditions in this system which are disarming condition, disarming preparation condition, arming condition and alarming condition.

(a) Disarming condition:

- When a user is near the vehicle.
- When the alarming function does not operate.
- When the theft deterrent function does not operate.

(b) Disarming preparation condition:

- Time from a user locks a door to be leaves the vehicle.
- Time until transferring to the disarming condition.
- When the theft deterrent function does not operate.

(c) Arming condition:

- When a user leaves the vehicle completely.
- When the theft deterrent function operates.

(d) Alarming condition:

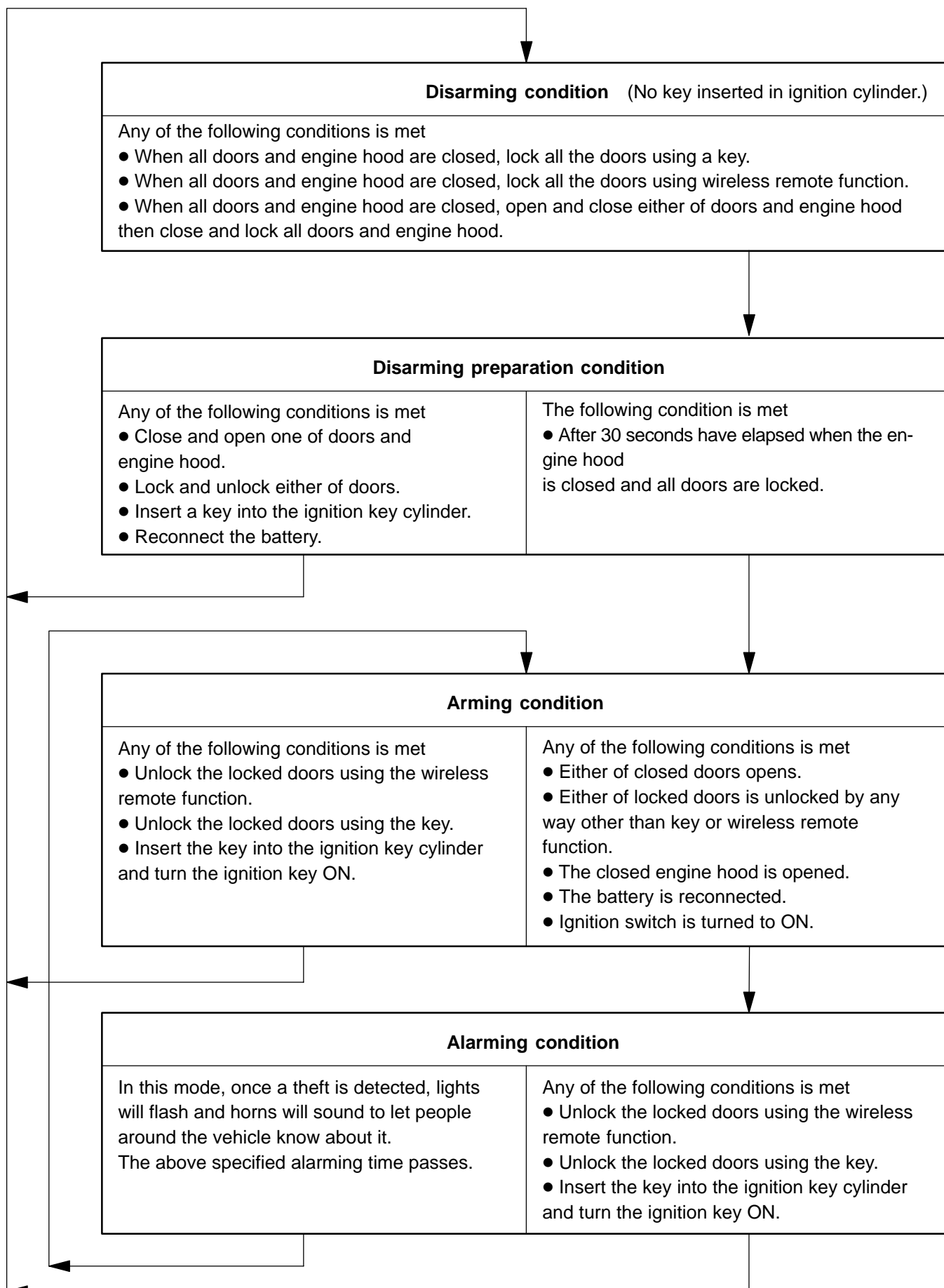
- In this condition, once a theft is detected, lights will flash and horns will sound to let people around the vehicle know about the theft.

Refer to the table for alarming method or time.

Alarming method	Horn
	Security horn
	Headlight
	Taillight
Alarming time	60 seconds
Alarming output	Continuous 0.40 sec. (ON) 0.40 sec. (OFF)

In the arming condition, when either of doors is unlocked and no key is in the key cylinder, force lock signal is output.

5. ACTIVE ARMING MODE



INDICATOR LIGHT OUTPUT:

Condition	Indicator light
Disarming condition	OFF
Disarming preparation condition	ON
Arming condition	OFF
Alarming condition	ON

HINT:

Even in the disarming condition, the indicator light flashes (due to a signal output from immobilizer system). The indicator always flashes by receiving a signal from the immobilizer system at any time in the arming condition.

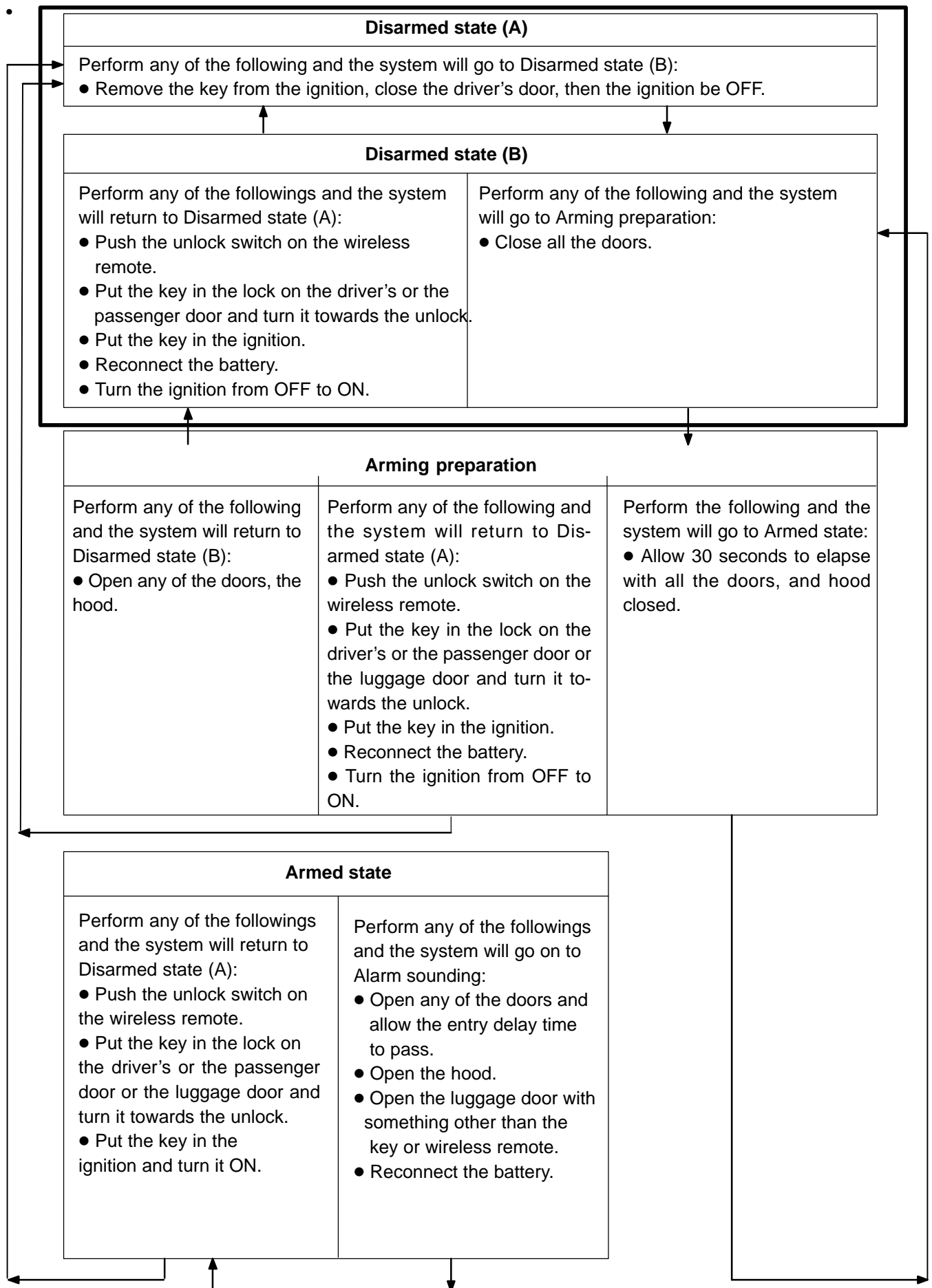
Flashing frequency:

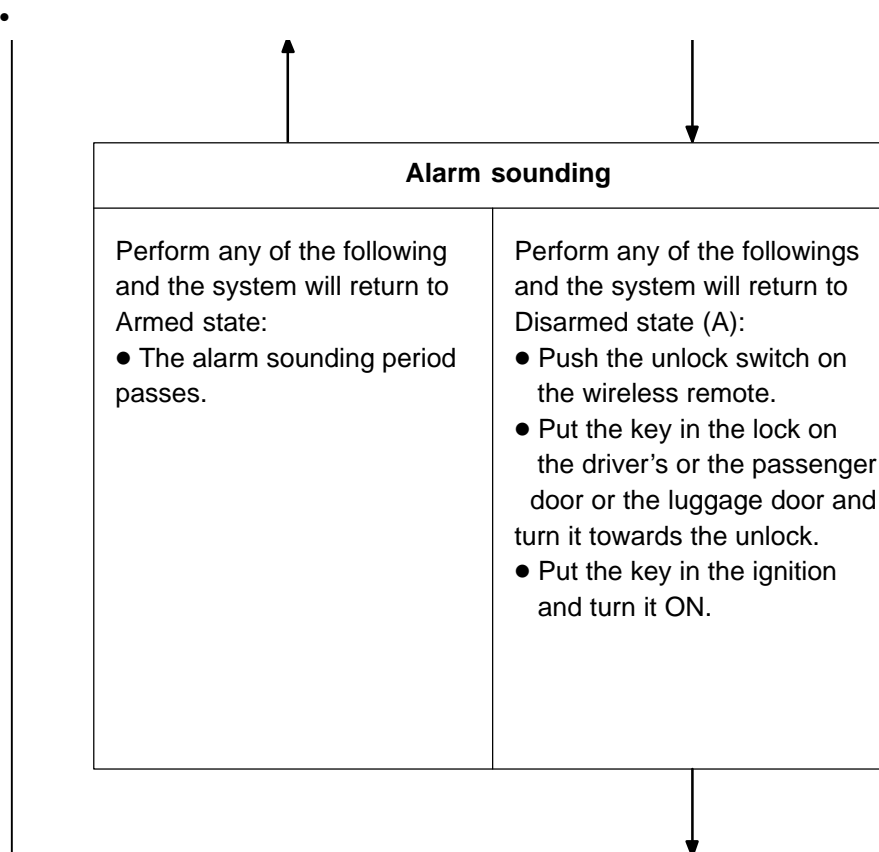
0.2 seconds (ON)

1.8 seconds (OFF)

6. PASSIVE ARMING MODE

- This mode can be switched by the specified operation.
- All initially set modes (when shipped from factory) are active mode. (No passive mode)



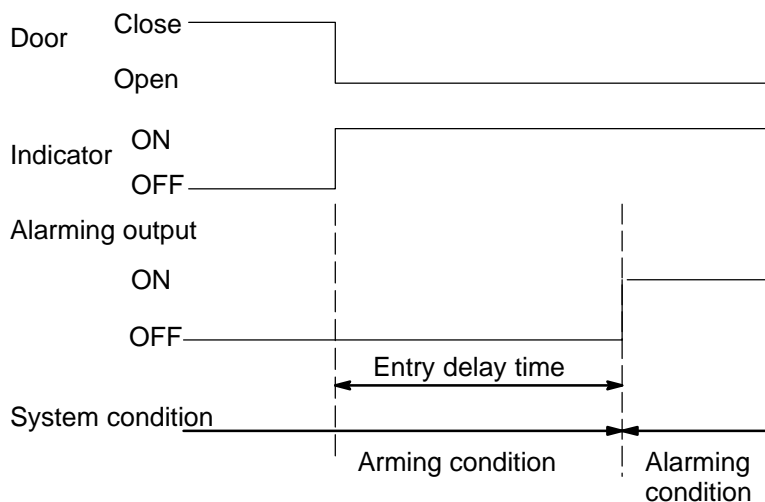


HINT:

When either closed door is opened in the arming condition, entry delay occurs. (14 seconds)

During this time, the mode transfers to the disarming condition when the condition described above is met.

When the condition is not met, the system judges a theft and the mode transfers to the alarming condition.

**INDICATOR LIGHT OUTPUT:**

Condition	Indicator light
Disarming condition	OFF
Disarming preparation condition	ON
Arming condition (Entry delay time)	OFF (ON)
Alarming condition	ON

HINT:

Even in the disarming condition, the indicator light flashes (due to the signal output from immobilizer system). The indicator always flashes by receiving the signal from the immobilizer system at any time in the arming condition.

Flashing frequency:

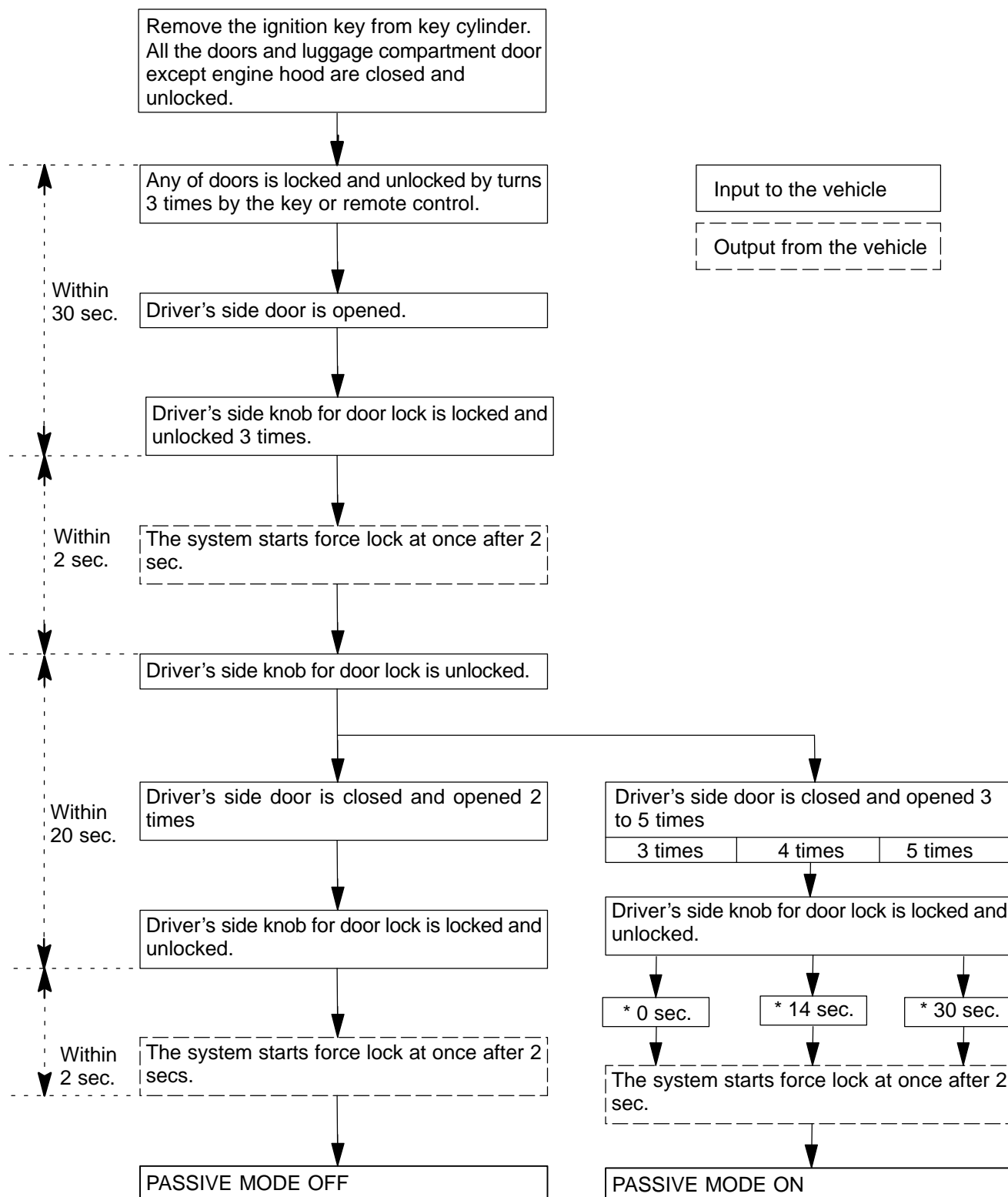
0.2 seconds (ON)

1.8 seconds (OFF)

- Transfer to active mode: In each passive mode, when "disarming condition of active mode → disarming preparation transfer condition" is met, the active mode transfers to each condition. In this case, active mode continues until the disarming condition.

Passive mode when transfer condition is met.	Active mode transfer condition
Disarming condition	Disarming preparation condition
Disarming preparation condition	Disarming preparation condition
Arming condition (During entry delay time)	Arming condition (After alarming time has elapsed, arming condition)
Alarming condition	After alarming time has elapsed, arming condition

7. CHANGING METHOD OF PASSIVE MODE (ON or OFF)



HINT:

- Initial mode is PASSIVE MODE OFF.
- If there is a different signal in the middle of changing. It is invalid.

*: Entry delay time

ENGINE IMMOBILISER SYSTEM

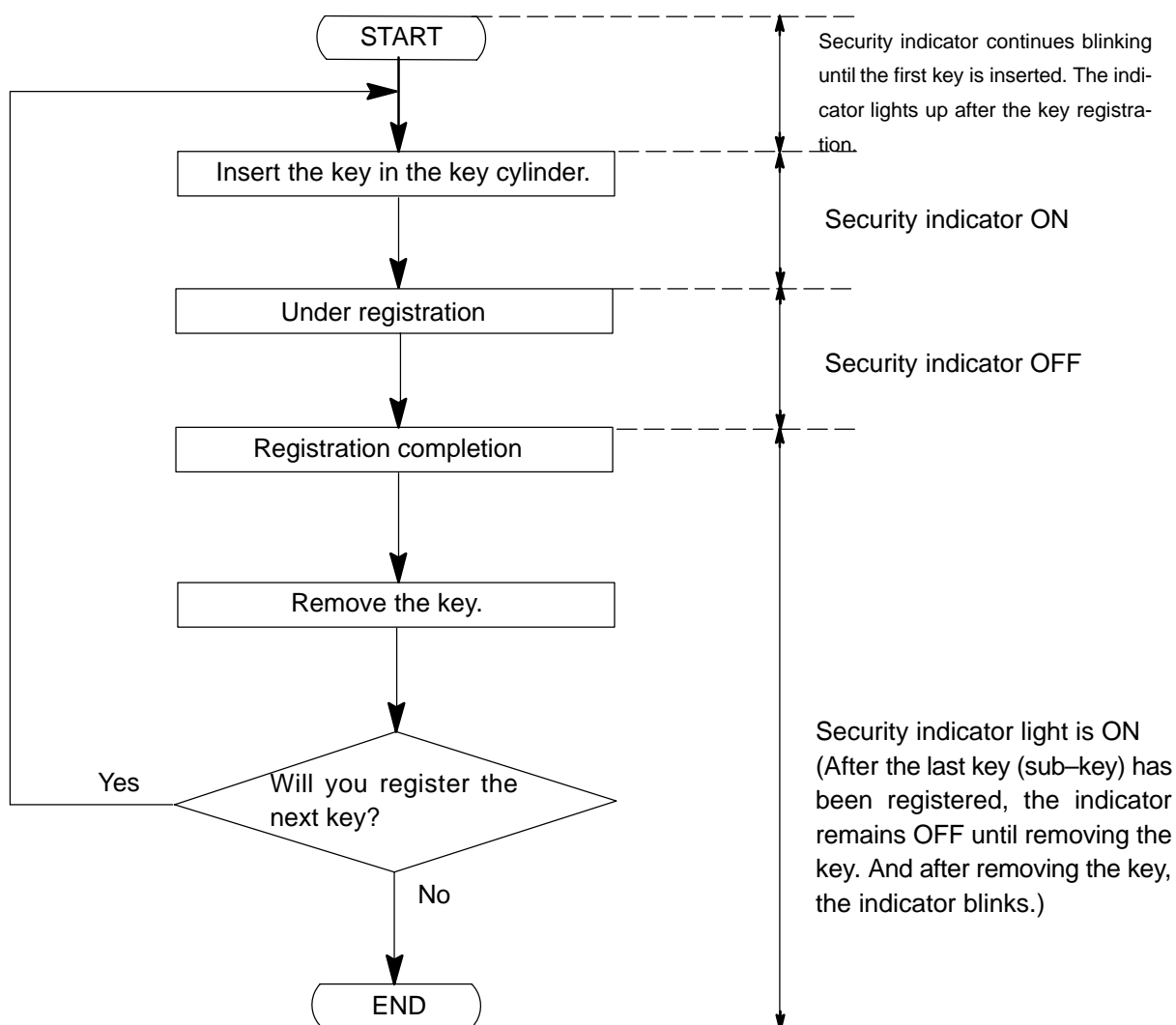
REGISTRATION

73086-01

1. KEY REGISTRATION IN AUTOMATIC REGISTRATION

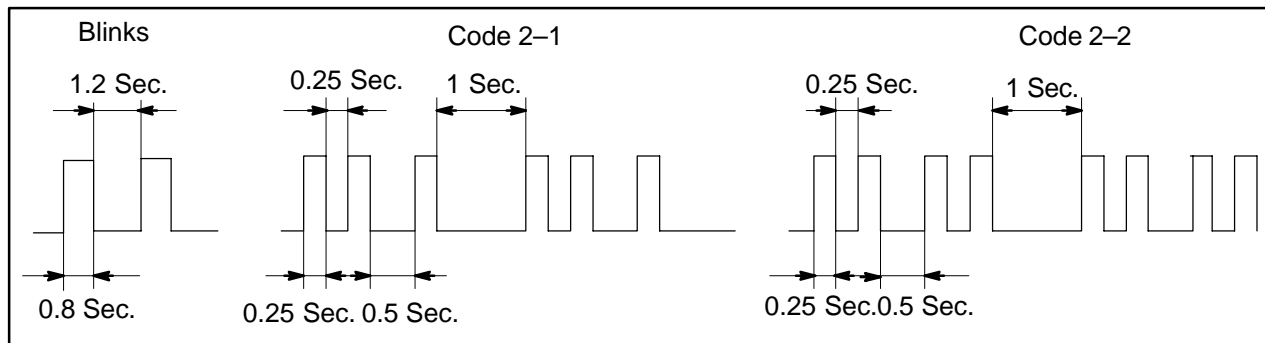
(a) Registration of a new transponder key.

- This must be done when you install a new ECM.
- The new ECM is in the automatic key code registration mode. The number of key codes for this ECM is already fixed, and so it can be registered.
On this type of vehicle, up to 3 key codes can be registered.
- In the automatic registration mode, the key registered last becomes the sub-key.



HINT:

- When no key is inserted in the key cylinder in 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.
- When key code registration could not be performed in the automatic registration mode, code 2-1 is output from the security indicator. And when inserting the already registered key, code 2-2 is output.



(b) Automatic registration mode completion

If finishing the mode forcibly after registering more than 1 key codes in the automatic registration mode, perform the following procedures.

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

- (1) Depress and release the brake pedal 5 times or more within 15 seconds.
- (2) With the hand-held tester, require the automatic registration mode completion.

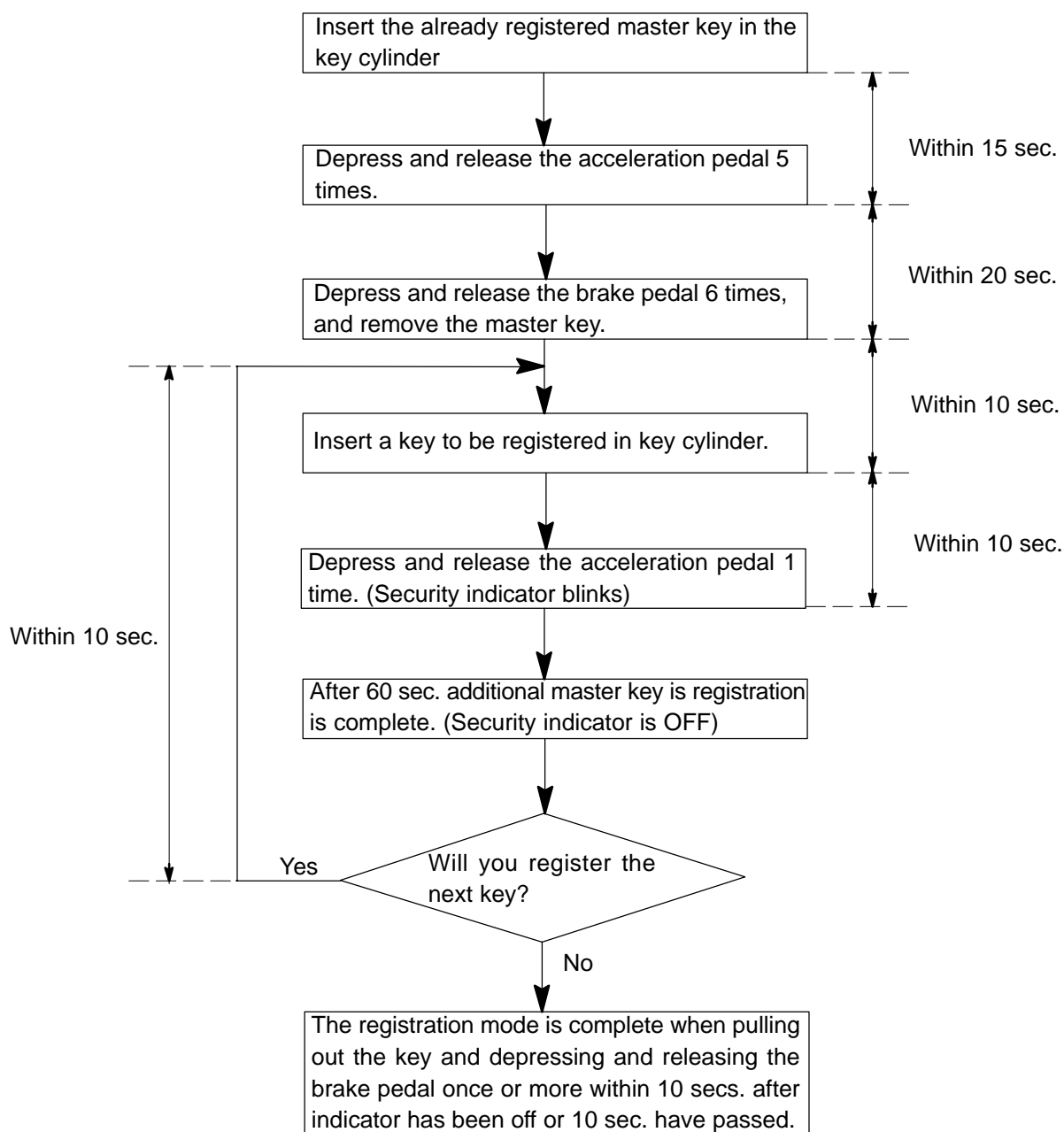
2. REGISTRATION OF ADDITIONAL KEY

There are 2 ways for registration of additional master key; one way is depressing the brake pedal and acceleration pedal and the other way is using the hand-held tester.

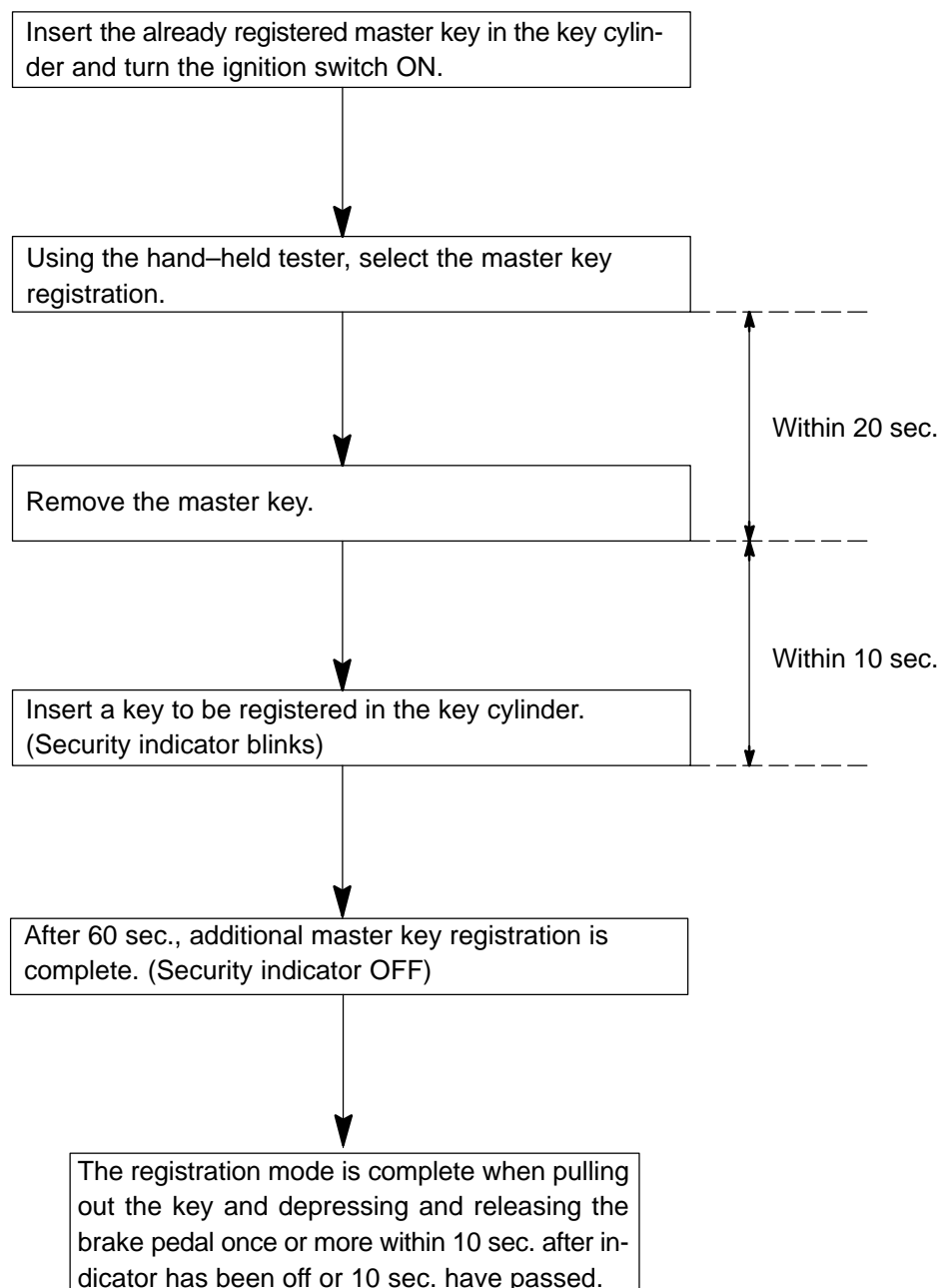
HINT:

- It is possible to register up to 7 master key codes including the already registered key code.
- When any operation time described below is over, registration mode will be stopped forcibly.
- When the next procedure is started while the timer is working, the timer stops working, then the 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, the original master key and the original sub-key are not necessary any more, and there fore registration of those key codes should be deleted.

(1) Depressing the brake pedal and acceleration pedal:



(2) Using the hand-held tester:



HINT:

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

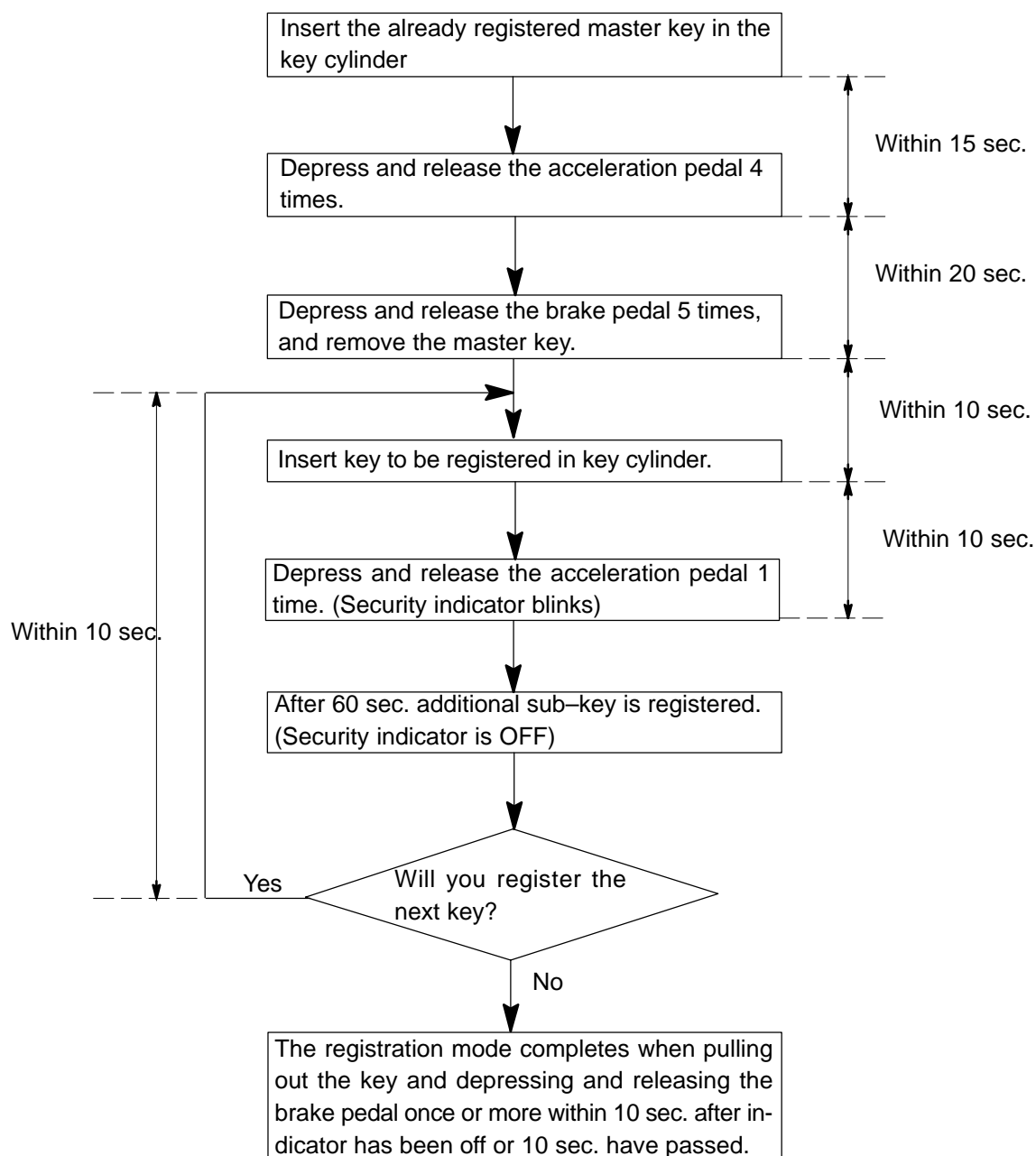
3. REGISTRATION OF KEY NUMBER

There are 2 ways for registration of additional sub-key; one way is depressing the brake pedal and acceleration pedal and the other way is using hand-held tester.

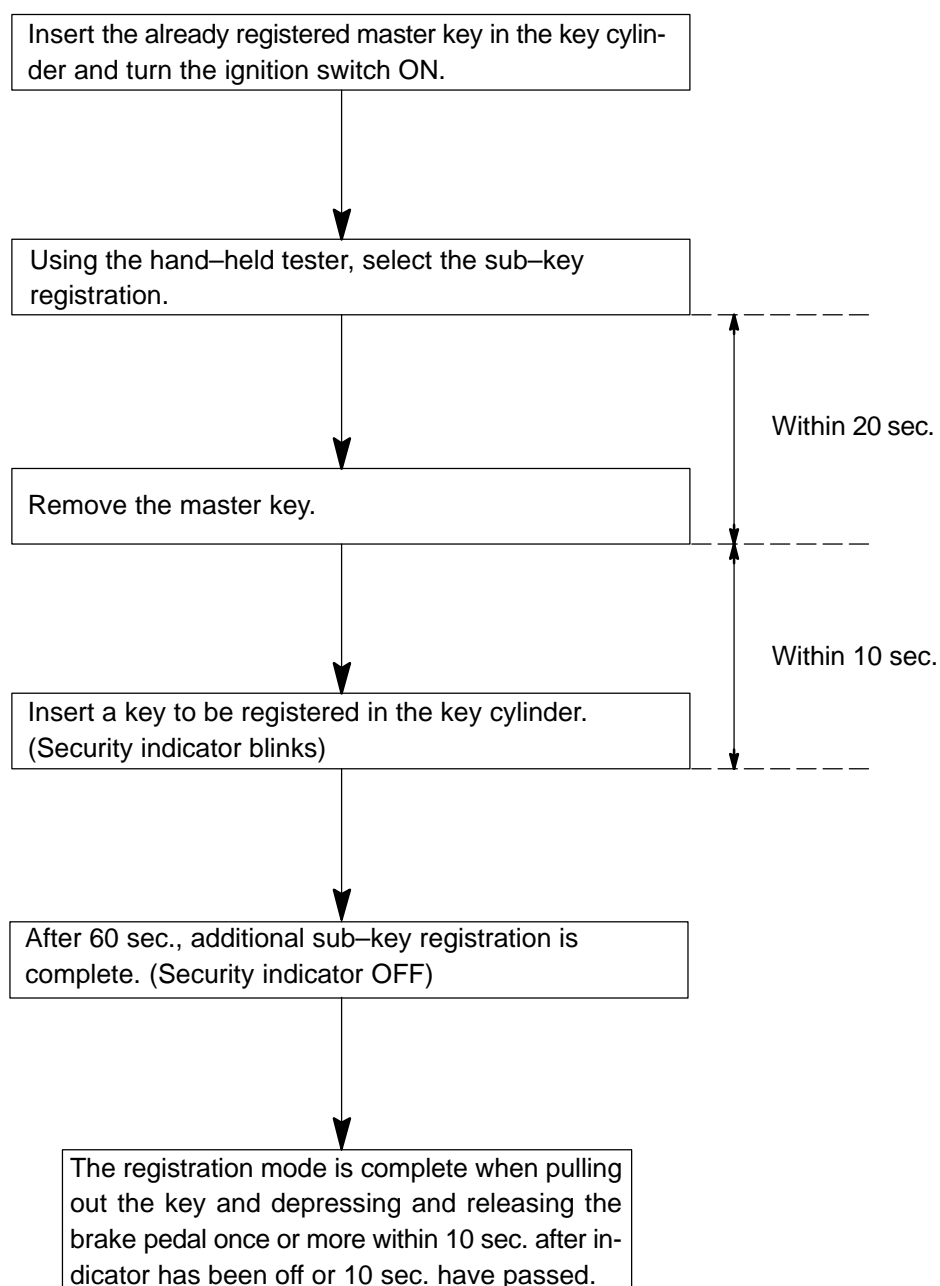
HINT:

- 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 will be stopped forcibly.
- When the next procedure is started while the timer is working, the timer stops working, then the next timer starts.

(1) Depressing the brake pedal and acceleration pedal:



(2) Using the hand-held tester:



HINT:

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

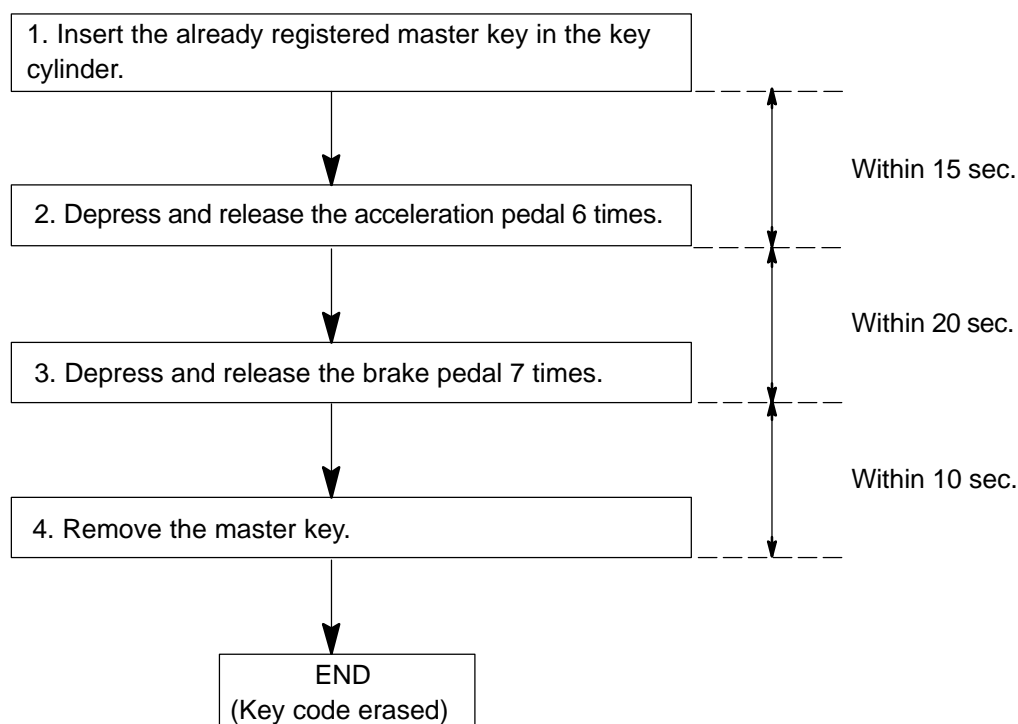
4. ERASURE OF KEY CODE

There are 2 ways for erasure of transponder key codes; one way is depressing the brake pedal and acceleration pedal and the other way is using hand-held tester.

HINT:

- Delete all the other master and sub-key codes than a master key code to use the erasing operation. When using the key which was used for deletion, it is necessary to register the code again.
- When any operation time described below is over, registration mode will be stopped forcibly.
- When the next procedure is started while the timer is working, the timer stops working, then the next timer starts.

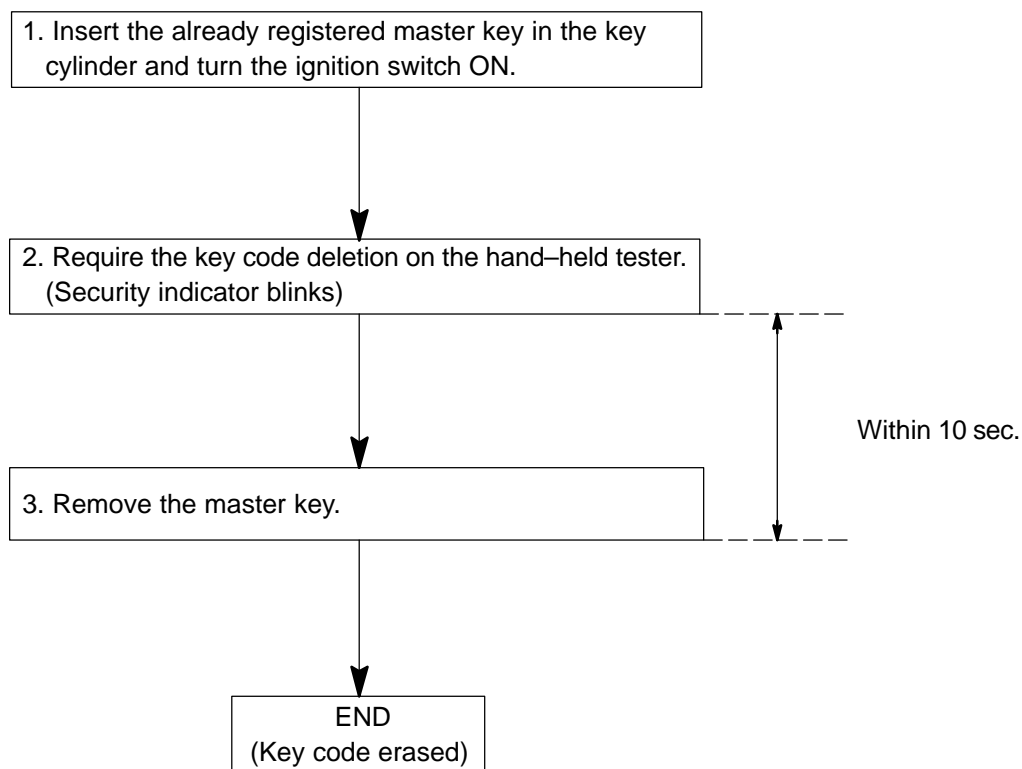
(1) Depressing the brake pedal and acceleration pedal:



HINT:

When the key cannot be pulled out in step 4, key code deletion is canceled.

(2) Using the hand-held tester:



HINT:

- When the key cannot be pulled out in step 3, key code deletion is canceled. (Security indicator is OFF.)
- Follow the screen of the hand-held tester for more detailed procedure.