

PRE-CHECK

1. OUTLINE OF THEFT DETERRENT SYSTEM

When the theft deterrent system is set and any of the following conditions is 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 the doors (If all the doors are not locked at once, the system repeats the door locking operation every 6.38 seconds during the 1-minute-alarming time).

There are 2 modes in this system; one is the active arming mode and another is the passive arming mode. The system is set initially in the active arming mode. It can be switched to the passive arming mode by a specified operation (See step 4).

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

*1: Only in the active arming mode.

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

HINT:

There are 4 states in each mode: disarmed state, arming preparation state, armed state and alarm sounding state.

- Disarmed state:
 - When the theft deterrent function does not operate.
- Arming preparation state:
 - Time from a user locks a door to leave the vehicle.
 - Time until transferring to the armed state.
 - When the theft deterrent function does not operate.
- Armed state:
 - When a user leaves the vehicle completely.
 - When the theft deterrent function operates.
- Alarm sounding state:
 - In this condition, once a theft is detected, the lights will flash and the horns will sound to alert people around the vehicle to the theft.

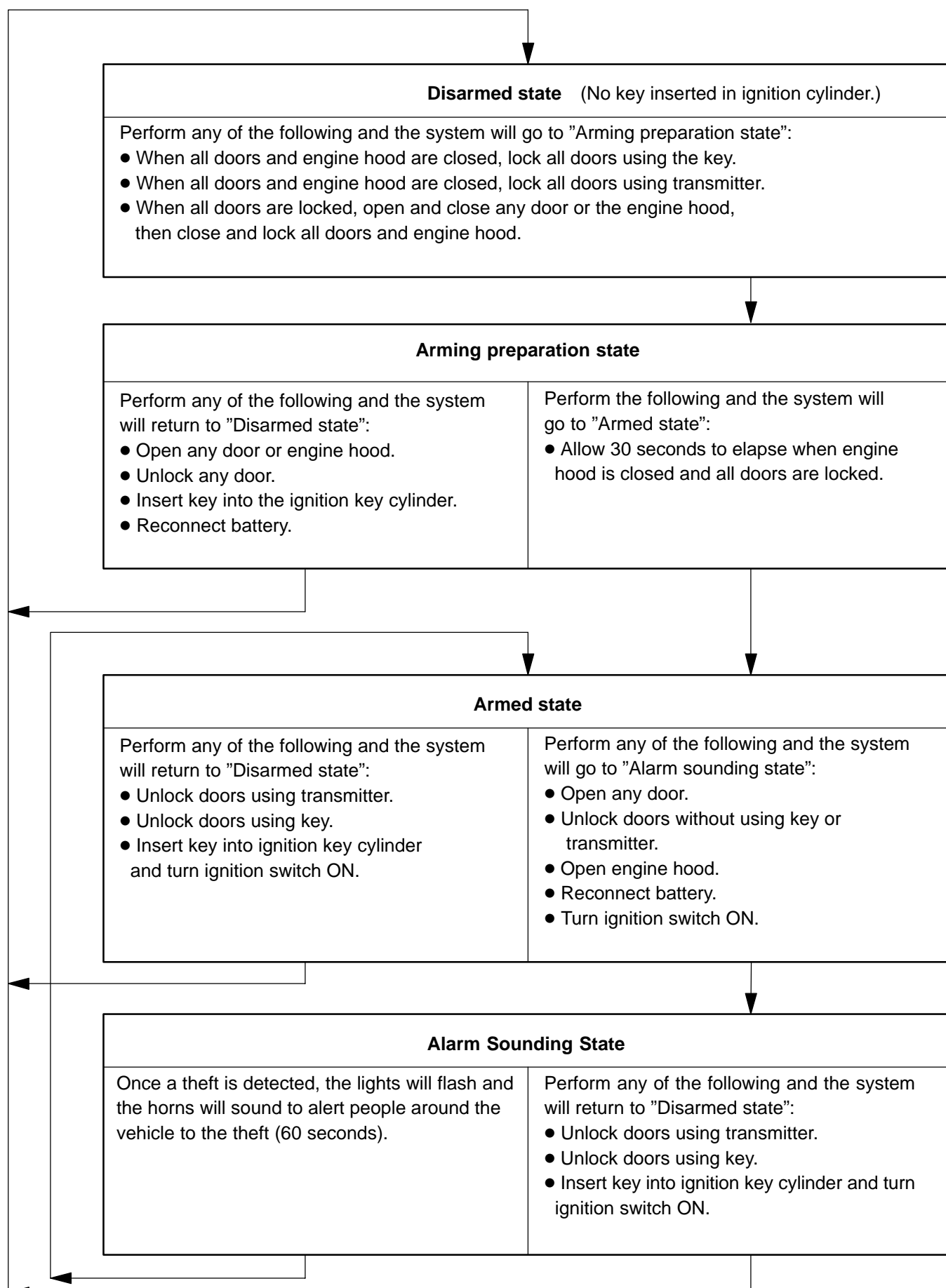
Refer to the table for alarming method and time.

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

HINT:

In the alarm sounding state, when either of the doors is unlocked and no key is in the key cylinder, a force lock signal is output.

2. ACTIVE ARMING MODE



Indicator light output:

Condition	Indicator lamp
Disarmed state	OFF
Arming preparation state	ON
Armed state	BLINK
Alarm sounding state	ON

HINT:

Even in the disarmed state, the indicator lamp flashes, due to a signal output from the immobiliser system. Also, the indicator light flashes whenever receiving a signal from the immobiliser system at any time in the armed state.

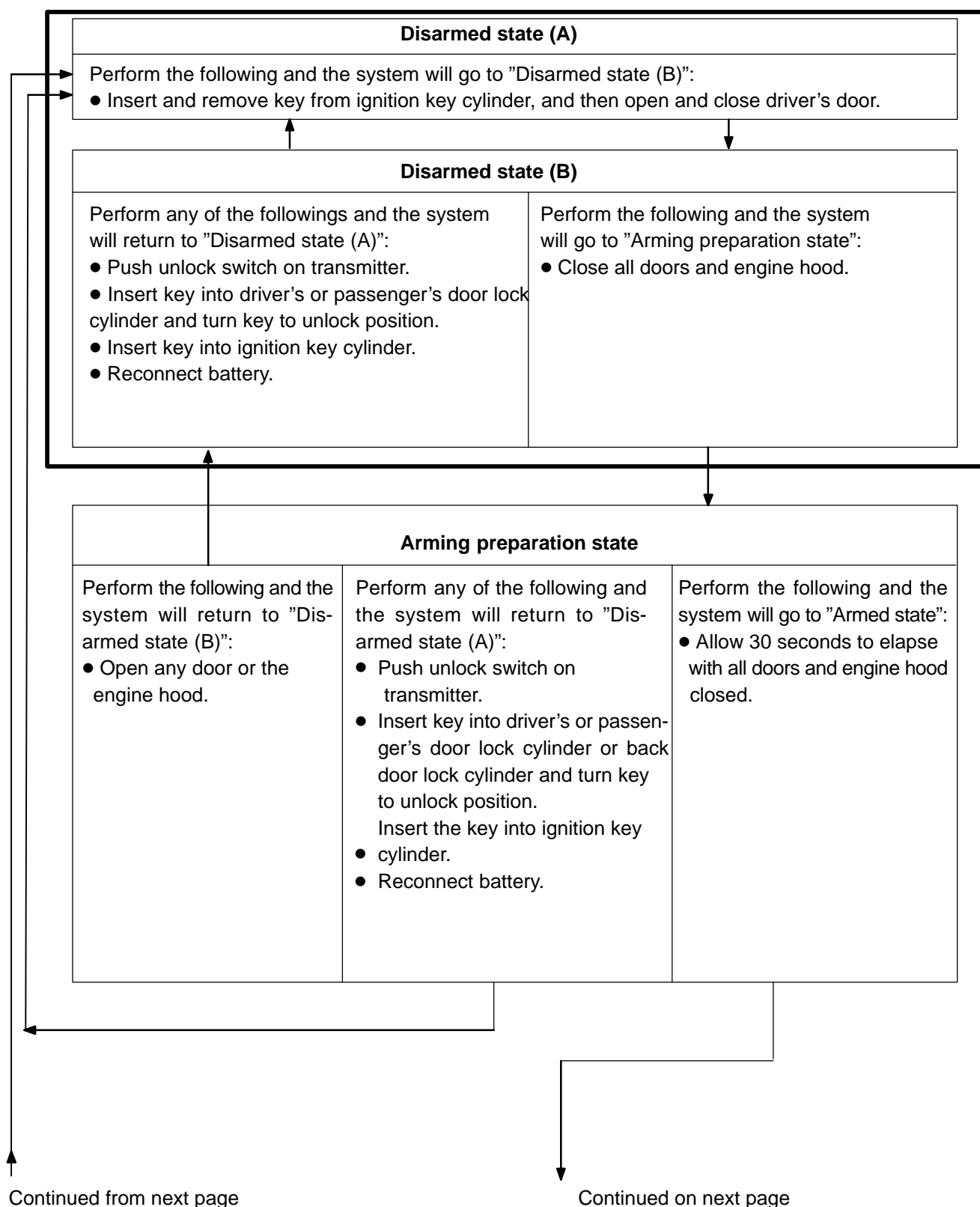
Flashing frequency:

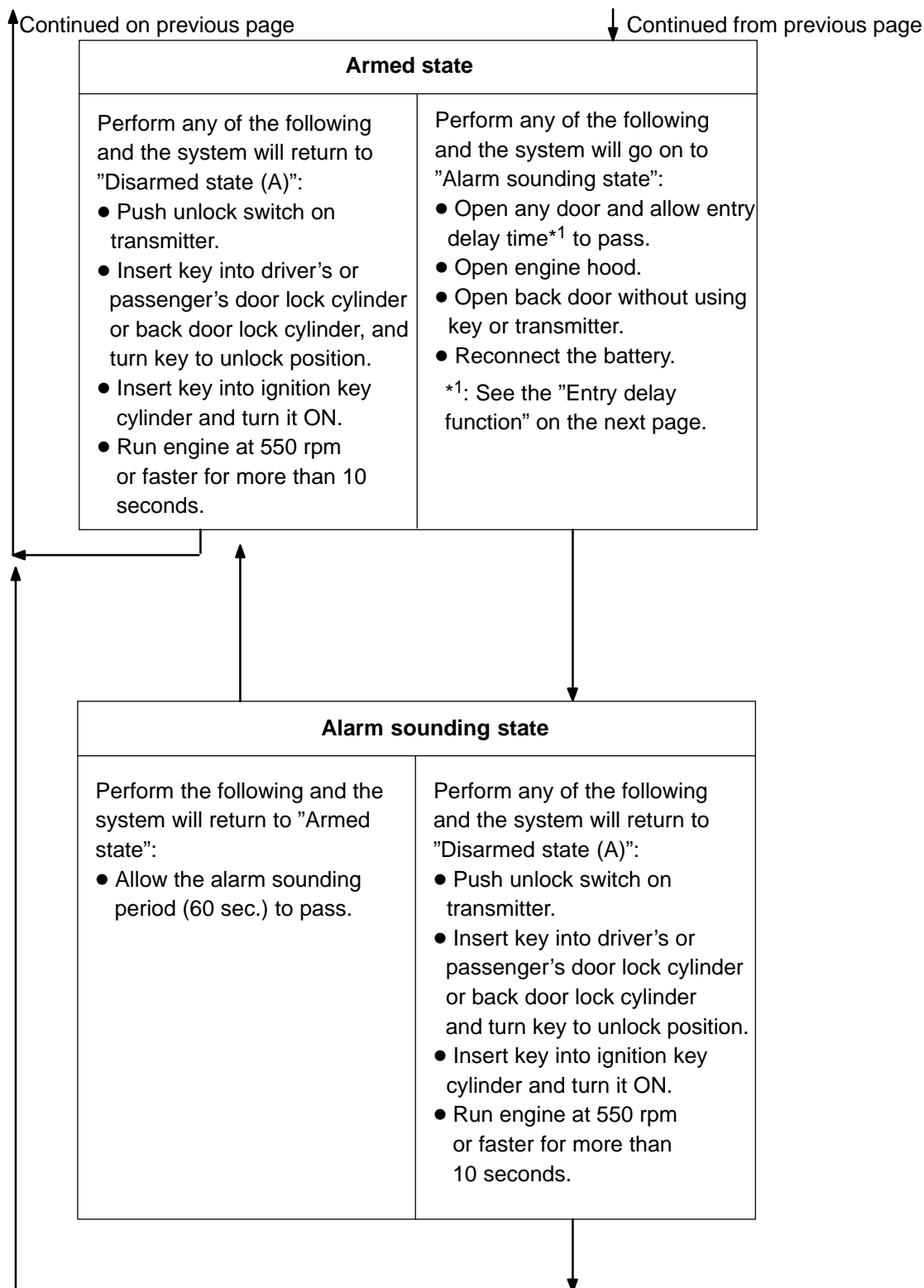
0.2 seconds (ON)

1.8 seconds (OFF)

3. PASSIVE ARMING MODE

- This mode can be turned on according to the specified method (see step 4).
- The initially set mode (when shipped from factory) is the active arming mode (No passive arming mode).

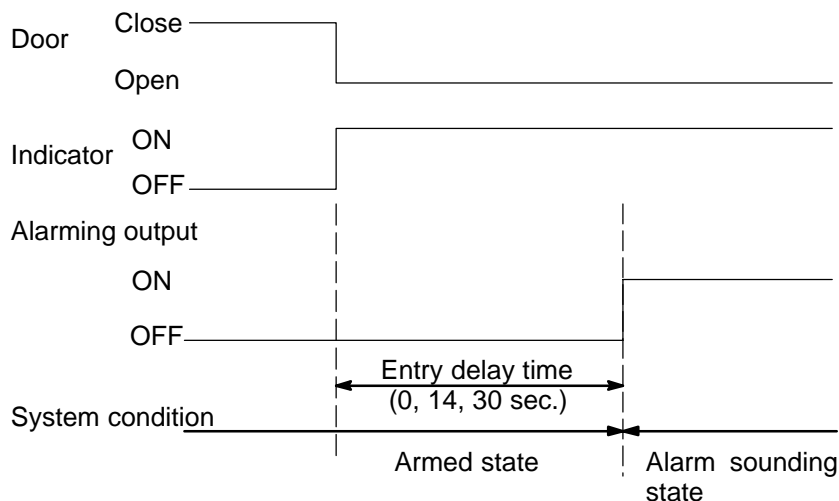




Entry delay function:**HINT:**

In the armed state, if any closed door is opened, entry delay time will start.

If the transferring condition (Armed state → Disarmed state) is satisfied during the entry delay time, the system will switch to the disarmed state. However if the condition is not satisfied, the system will judge it to be a theft, and then the system will switch to the alarm sounding state.

**HINT:**

The entry delay time can be selected among 0, 14, 30 seconds by the customizing function.

Indicator lamp output:

Condition	Indicator
Disarmed state	OFF
Arming preparation state	ON
Armed state (Entry delay time)	BLINK (ON)
Alarm sounding state	ON

HINT:

Even in the disarmed state, the indicator lamp flashes, due to a signal output from the immobilizer system. Also, the indicator flashes whenever receiving a signal from the immobilizer system at any time in the armed state.

Flashing frequency:

0.2 seconds (ON)

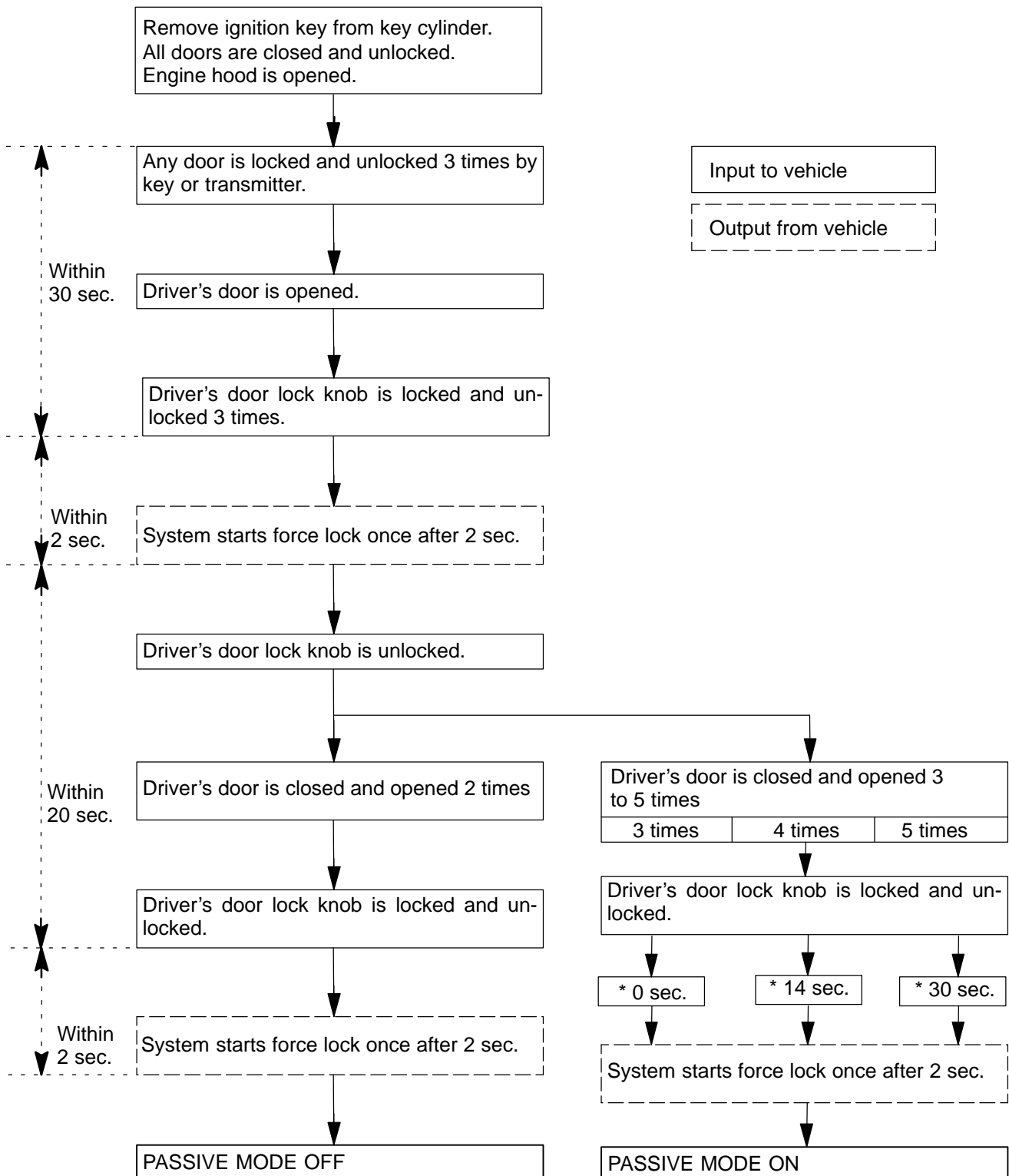
1.8 seconds (OFF)

Switching to the active arming mode:**HINT:**

In each state of the passive arming mode, when the switching condition to the active arming mode (disarmed state of active arming mode → arming preparation state of active arming mode) is satisfied, the system will switch to each state of the active arming mode. In this case, the active arming mode will continue until the system switches to the disarmed state.

State of passive arming mode before switch	State of active arming mode after switch
Disarmed state	Arming preparation state
Arming preparation state	Arming preparation state (continuing for 30 sec.)
Armed state (During entry delay time)	Armed state (After alarming time has elapsed, armed state)
Alarm sounding state	After alarming time has elapsed, armed state

4. CHANGING METHOD OF PASSIVE ARMING 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