

GARAGE DOOR OPENER SYSTEM

REGISTRATION

1. REGISTRATION TRANSMITTER CODE

HINT:

The garage door opener is built into the dome light assembly No. 1. If replacing the dome light assembly No. 1, codes for any systems previously registered in the garage door opener must be re-registered.

- (a) Re-register systems in the garage door opener registration mode.

NOTICE:

- **When registering a code in a garage door opener system, a garage door or other device may operate. In order to prevent injury or damage, make sure that people and objects are out of the way of the garage door or other device.**
- **Before transmitter code registration, confirm that all the electrical systems (headlight, blower motor, rear defogger, etc.) are turned off and no key is in the vehicle.**
- **The garage door opener cannot be used with systems that: 1) were manufactured before April 1, 1982; or 2) do not meet Federal Standards (for example, garage doors without a jam protection function).**

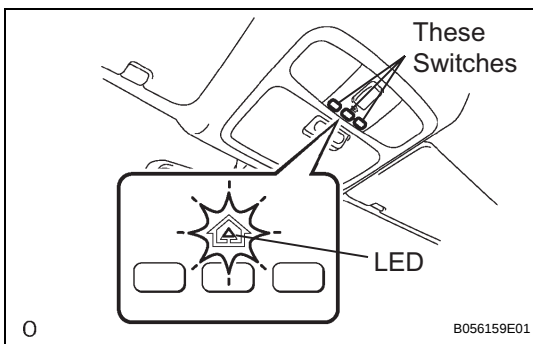
HINT:

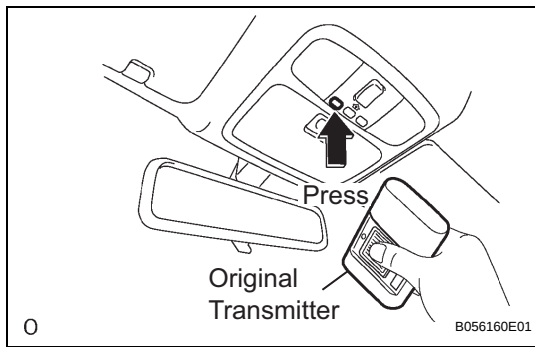
- 3 transmitter codes can be registered with the garage door opener, one transmitter code for each of the 3 garage door opener switches.
- Disconnecting the battery will not erase the transmitter codes registered with the garage door opener.
- An attempt to overwrite a previously registered transmitter code with a new system's transmitter code may fail. In these situations, the previously registered transmitter code will not be erased.

- (1) Select a garage door opener switch for transmitter code registration.
- (2) Press and hold the selected switch for 20 seconds. The garage door opener will enter registration mode.

HINT:

Before entering registration mode, the LED is ON. After entering registration mode, the LED flashes at a cycle of 1 Hz. For a "rolling code" type system, after entering registration mode, the LED flashes at a cycle of 8.8 Hz for 1.6 seconds, and then the LED flashes at a cycle of 1 Hz.



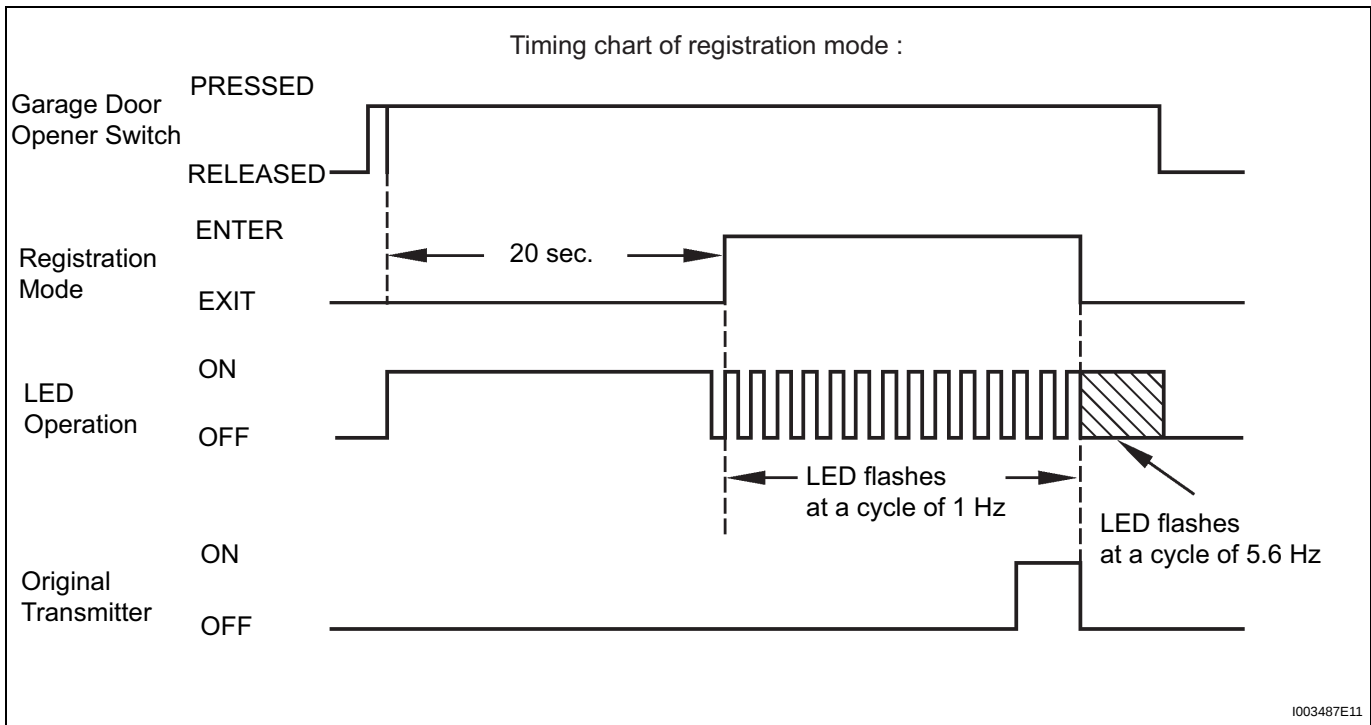


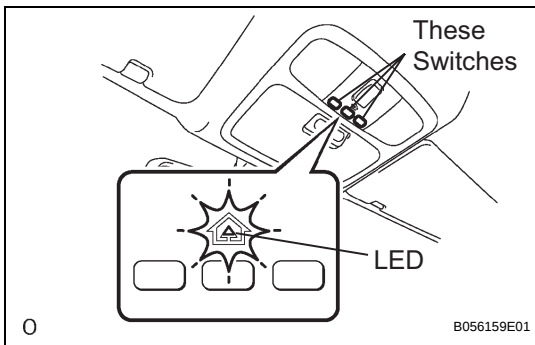
- (3) After the garage door opener has entered registration mode, bring the original transmitter of the system to be registered within 1 inch of the garage door opener switches. Then press the original transmitter switch.
- (4) If the transmitter code registration was successful, the LED of the garage door opener flashes at a cycle of 5.6 Hz. If no malfunction occurs, release both the garage door opener switch and the original transmitter switch.

HINT:

- If the code registration has failed, the battery of the original transmitter may be weak or the system may not meet the garage door opener. In this case, press the original transmitter repeatedly. Some transmitters may need 1 to 2 seconds to stop transmitting signals.
- If the transmitter code registration has not been completed in 90 seconds after the garage door opener has entered registration mode, the garage door opener will enter low power mode (See procedure "A").

- (5) Timing chart of registration mode:





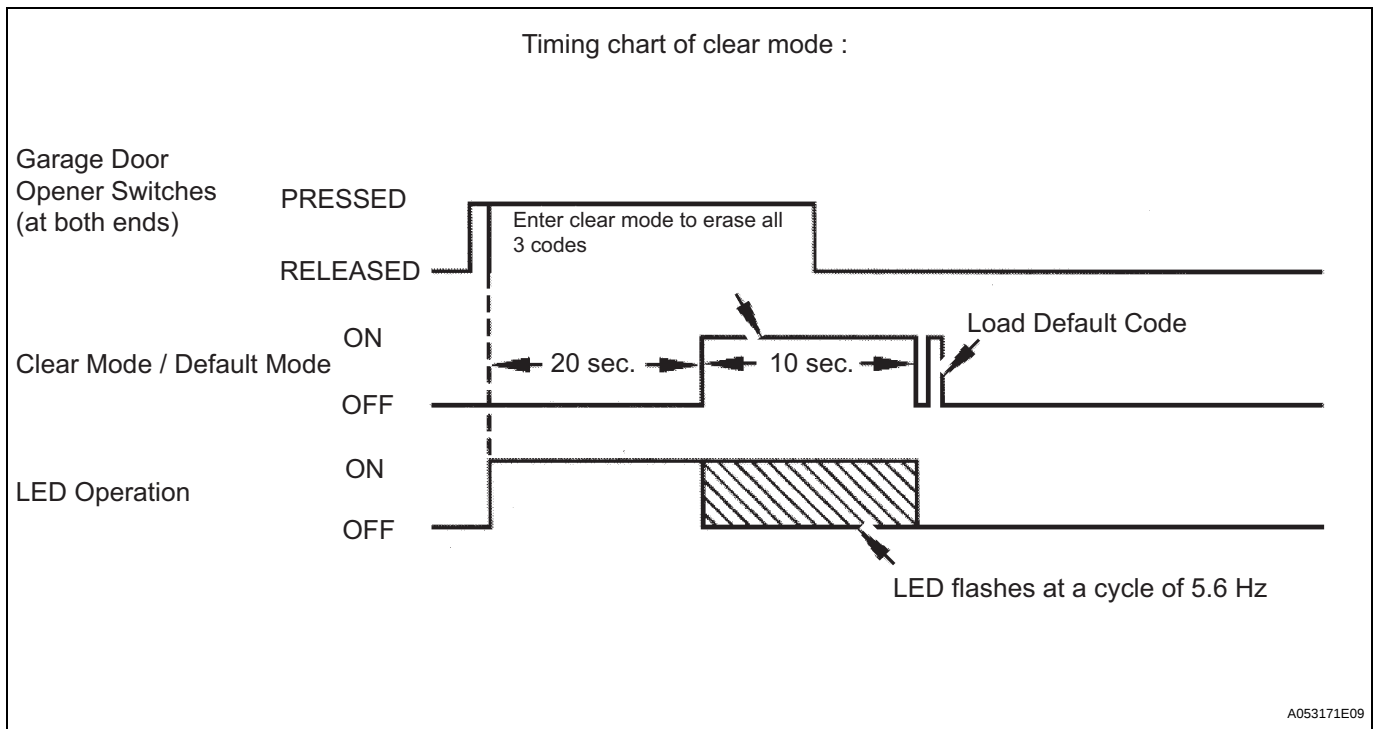
- (b) Erase transmitter codes in the garage door opener clear mode.

HINT:

- All 3 registered transmitter codes will be erased at the same time (maximum 3 codes).
- If the switches are released within 10 seconds after the transmitter codes have been erased, the garage door opener will enter registration mode.
- If the switches are held for 10 seconds or more after the transmitter codes have been erased, default codes will be set to the switches of the garage door opener. Using these default codes, operation of the garage door opener can be checked using a Home Link tester.

- (1) Press and hold the 2 switches of the garage door opener for 20 seconds. The LED will begin to flash at a cycle of 5.6 Hz. Releasing the switches will end clear mode.

- (2) Timing chart of clear mode:



- (c) Low power mode (Procedure "A"):

- (1) If the garage door opener switch is held for 100 seconds or more, the garage door opener will enter low power mode to economize on power consumption. When the garage door opener has entered low power mode, the LED turns off.

INSPECTION

1. INSPECT GARAGE DOOR OPENER

- (a) Press the switch and check that each red LED turns on. If one or more of the switches does not turn on the LED, confirm normal operation of the fuse and wire harness, then replace the garage door opener system unit.

2. INSPECT GARAGE DOOR OPENER REGISTRATION AND TRANSMITTING

HINT:

Use the home link tester made by KENT MORE for this test. Because it is necessary to register the code of the hand-held transmitter, the customer's code should be erased. When the inspection is complete, register the customer's again.

- (a) Check if the tester transmitter code was successfully registered.

HINT:

If the code cannot be registered, replace the garage door opener system unit.

- (b) Press the garage door opener switch that was registered to the tester transmitter. Check if the "Home Link" tester's green LED illuminates.

HINT:

If the green LED does not illuminate, replace the garage door opener.

