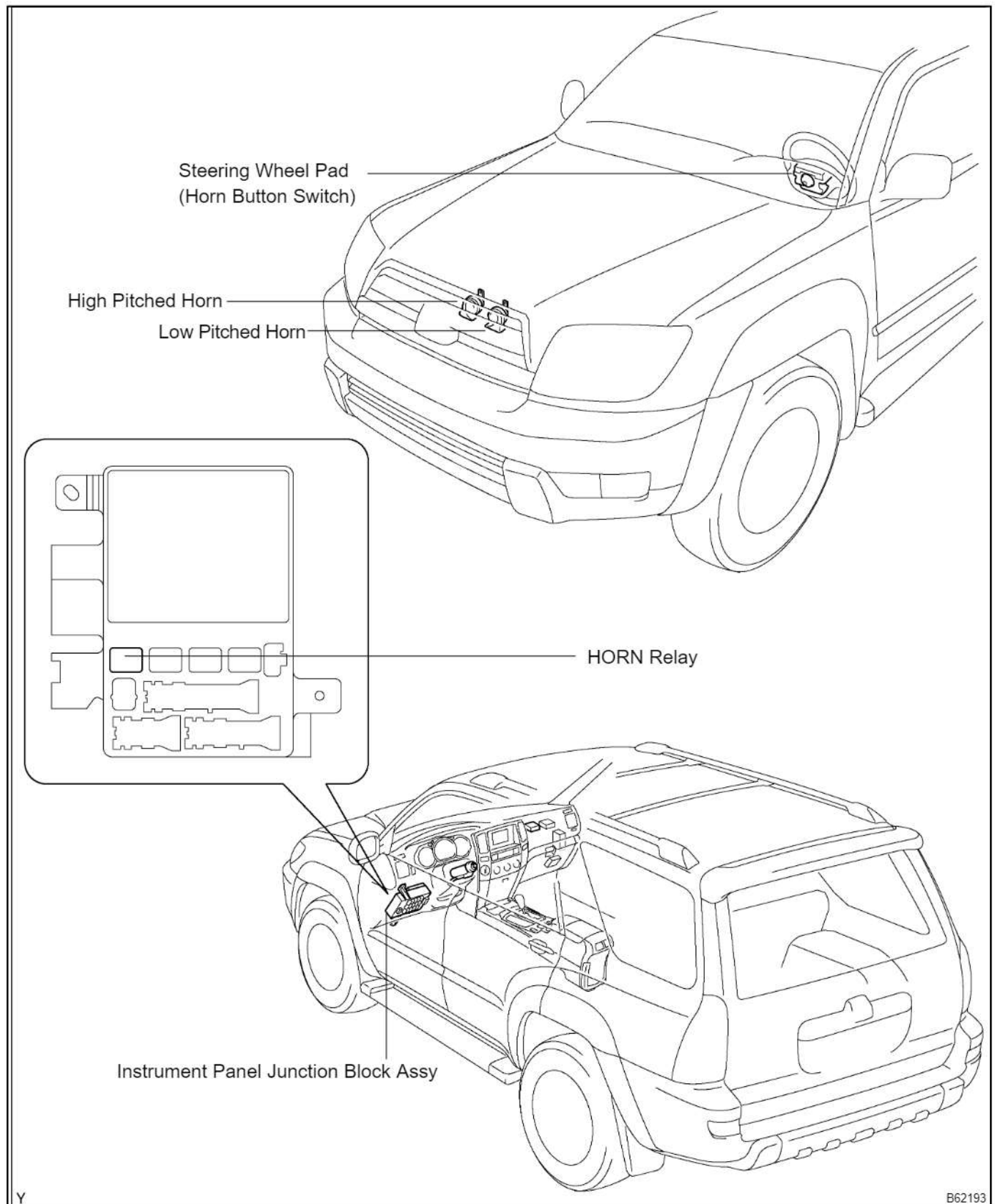


HORN SYSTEM LOCATION

6905R-01

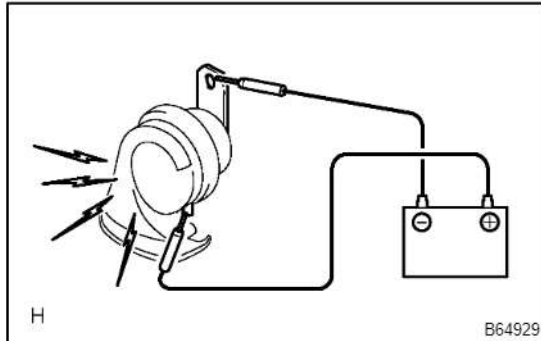


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PROBLEM SYMPTOMS TABLE

Symptom	Suspected Area	See Page
Horn does not sound	1. Horn button switch	–
	2. High pitched horn	69-3
	3. Low pitched horn	69-3
	4. HORN relay	69-3
	5. Wire harness	–

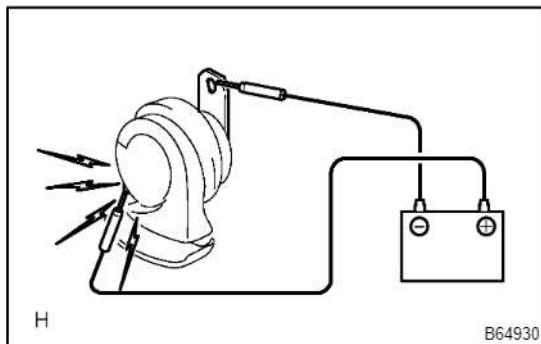
INSPECTION



1. INSPECT LOW PITCHED HORN ASSY

- (a) Connect the positive (+) lead from the battery to the terminal and the negative (-) lead to the horn body, and check that the horn blows.

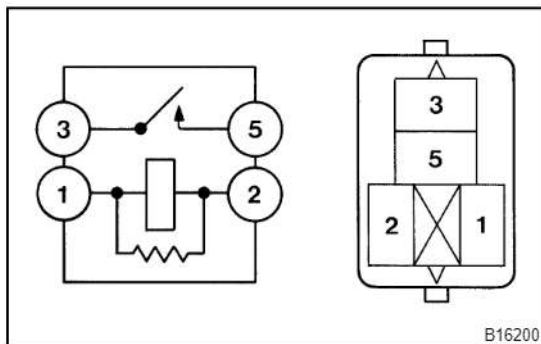
If the result is not as specified, replace the horn assy.



2. INSPECT HIGH PITCHED HORN ASSY

- (a) Connect the positive (+) lead from the battery to the terminal and the negative (-) lead to the horn body, and check that the horn blows.

If the result is not as specified, replace the horn assy.



3. INSPECT HORN RELAY ASSY

- (a) Remove the horn relay from the instrument panel junction block assy.
- (b) Inspect the horn relay continuity.

Standard:

Terminal No.	Condition	Specified Condition
1 ⇄ 2	Constant	Continuity
3 ⇄ 5	Apply B+ between terminals 1 and 2	

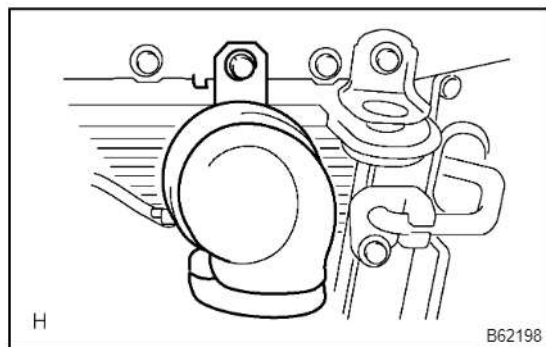
If the result is not as specified, replace the relay assy.

LOW PITCHED HORN ASSY REPLACEMENT

6905V-01

1. REMOVE LOW PITCHED HORN ASSY

- (a) Disconnect the connector.
- (b) Remove the bolt and horn assy.



2. INSTALL LOW PITCHED HORN ASSY

- (a) Place the stay onto the baffle part in the radiator support upper, and then install the horn assy with the bolt.

Torque: 20 N·m (199 kgf·cm, 15 ft·lbf)

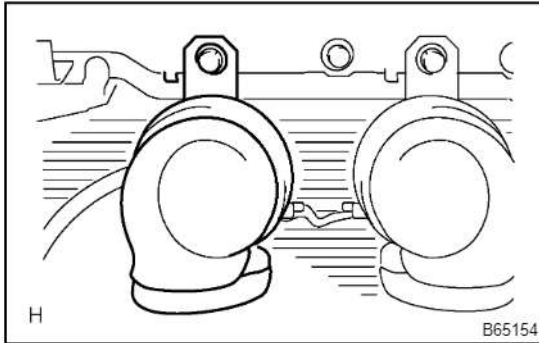
- (b) Connect the connector.

HIGH PITCHED HORN ASSY REPLACEMENT

6905U-01

1. REMOVE HIGH PITCHED HORN ASSY

- (a) Disconnect the connector.
- (b) Remove the bolt and horn assy.



2. INSTALL HIGH PITCHED HORN ASSY

- (a) Place the stay onto the baffle part in the radiator support upper, and then install the horn assy with the bolt.

Torque: 20 N·m (199 kgf·cm, 15 ft·lbf)

- (b) Connect the connector.

GARAGE DOOR OPENER SYSTEM

6905W-01

REGISTRATION

1. RESISTER TRANSMITTER CODE

HINT:

The garage door opener is built in the dome lamp assy No.1. When transmitter codes for garage door, gate, entry gate, door lock, home lighting system or security system are registered with the garage door opener, be sure to register them again whenever replacing the dome lamp assy No.1.

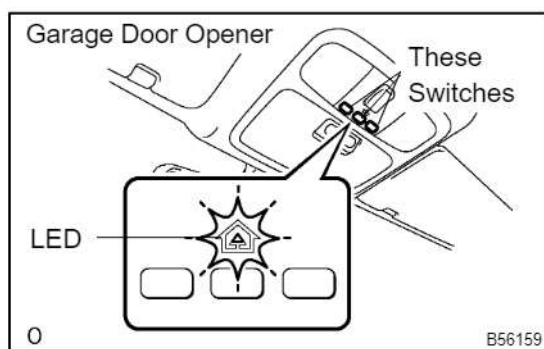
- (a) After the dome lamp assy No.1 has been replaced, register transmitter codes with the garage door opener (Registration mode).

NOTICE:

- While the transmitter code for a system (garage, door, gate, etc.) is being registered, the system may operate. During code registration and while the system is in operation, be sure that no people or objects are in the way.
- Be sure to stop the engine and remove the key from the ignition switch before transmitter code registration.
- The garage door opener does not apply to systems manufactured before April 1, 1982 and systems that do not comply with the Federal Safety Standards.
- Garage doors without a jam protection function do not meet the Federal Safety Standards.

HINT:

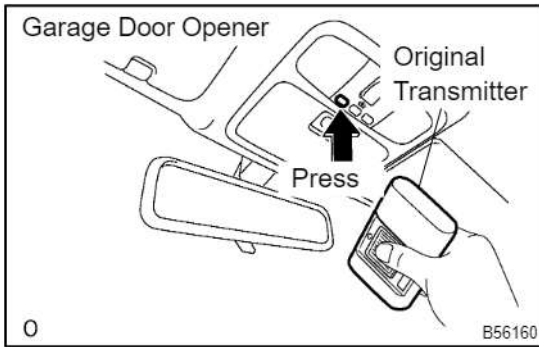
- Every one of the garage door opener switches can have only one transmitter code; total 3 transmitter codes can be registered with the garage door opener.
- Even if the battery is disconnected, transmitter codes registered with the garage door opener will not be erased.
- Even if you attempt to rewrite the transmitter code registered with the garage door opener and the attempt has failed, the registered transmitter code will not be erased.



- (1) Select a switch of the garage door opener for transmitter code registration.
- (2) Press and hold the selected switch for 20 seconds. Then, the garage door opener enters registration mode.

HINT:

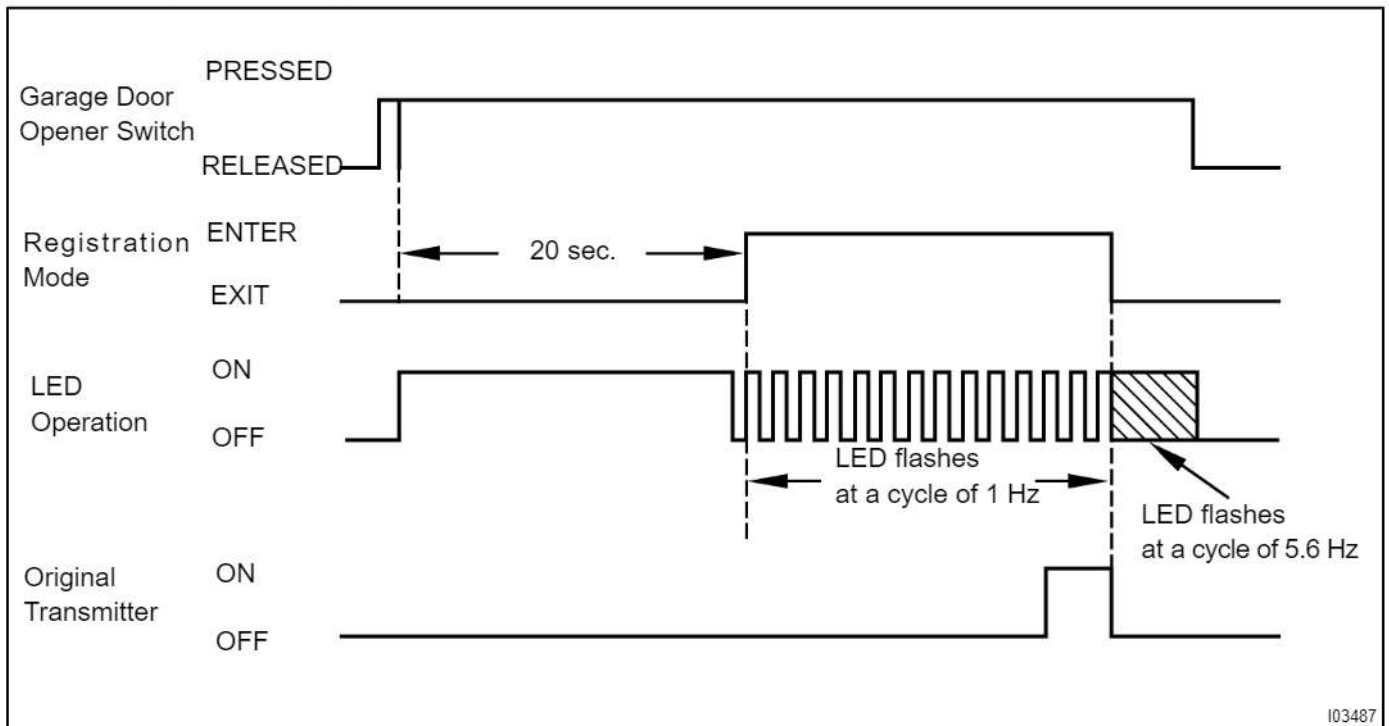
When the garage door opener is in registration mode, the LED changes from ON to flashing at a cycle of 1 Hz. (In the case of the "rolling code" type, the LED will flash at a cycle of 8.8 Hz for 1.6 seconds at first and then change the flash cycle to 1 Hz after the garage door opener has entered registration mode.)

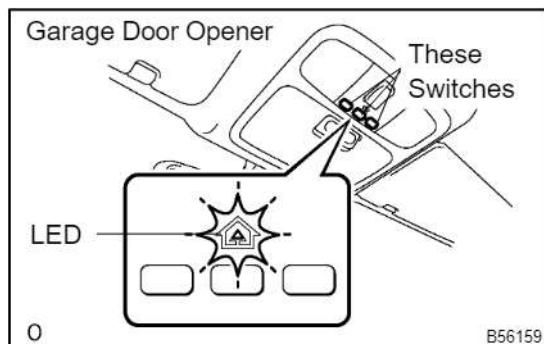


- (3) After the garage door opener has entered registration mode, bring the original transmitter of the system within 1-inch of the garage door opener while pressing the switch of the garage door opener. Under this condition, press the original transmitter.
- (4) When the transmitter code registration has been completed correctly, the LED of the garage door opener flashes at a cycle of 5.6 Hz. When this happens, release both the switch and the original transmitter.

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 step c).

Timing Chart of Registration Mode:

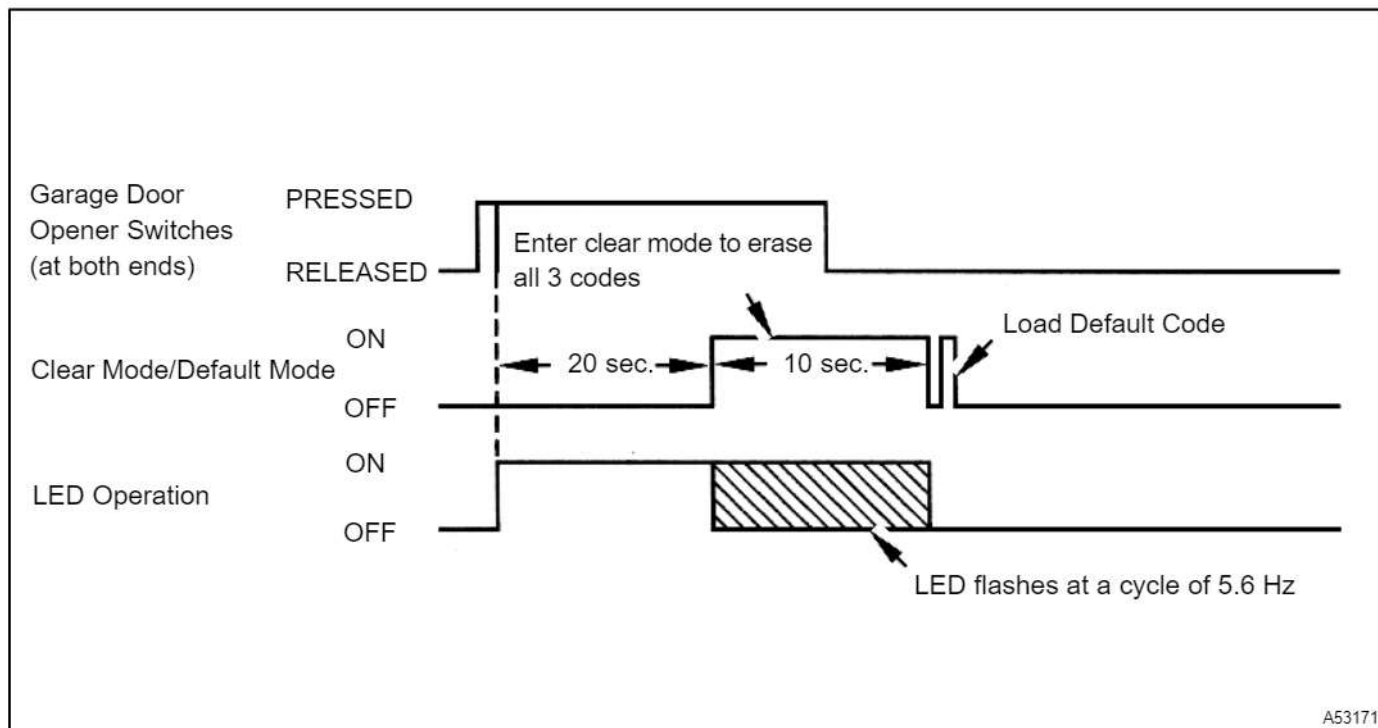


(b) Erase the transmitter codes (Clear mode).

HINT:

- All the transmitter codes registered in the garage door opener are 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 all the 3 switches of the garage door opener. With this default code, you can check operation of the garage door opener using a tester.
- (1) Press and hold the 2 switches at both ends of the garage door opener simultaneously for 20 seconds. Then, the LED starts flashing at a cycle of 5.6 Hz. Releasing the switches will end clear mode.

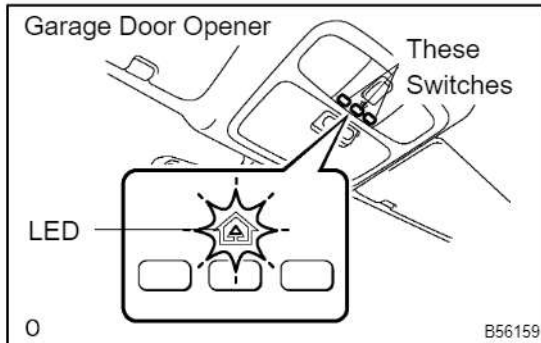
Timing Chart of Clear Mode:



(c) Low power mode:

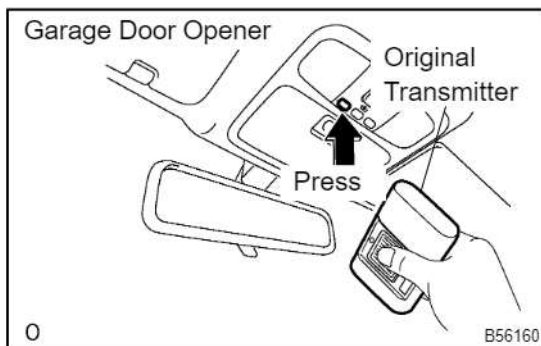
- (1) If the switch of the garage door opener is held for 100 seconds or more, the garage door opener will enter low power mode to economize the power consumption. When the garage door opener has entered low power mode, the LED goes off.

INSPECTION



1. INSPECT GARAGE DOOR OPENER

- (a) Press the switch and check that each LED (red) lights up. Even if only one switch is found not to light up, replace the garage door opener.



2. INSPECT GARAGE DOOR OPENER REGISTRATION AND TRANSMITTING

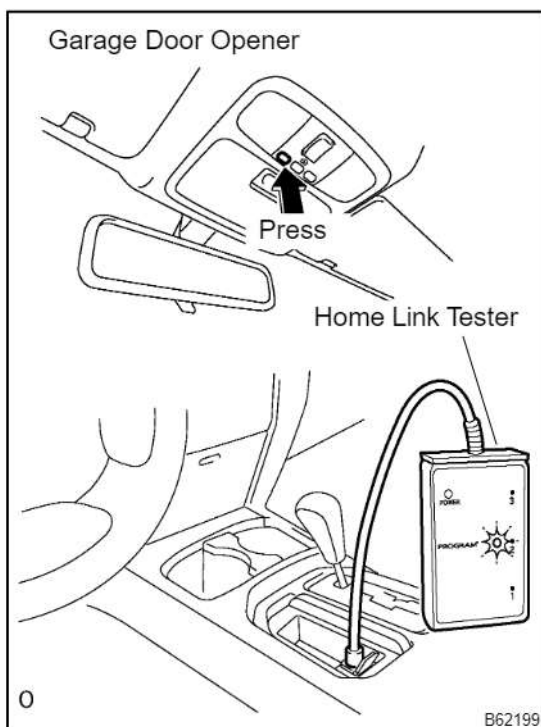
HINT:

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 code again.

- (a) Check that the code of hand-held transmitter for inspection can be registered.

HINT:

If the code can not be registered, replace the garage door opener.



- (b) Press the switch which inspection code has been registered for and check that LED (green) of the home link tester lights up.

HINT:

If the LED (green) does not light up, replace the garage door opener.