

## ON-VEHICLE INSPECTION

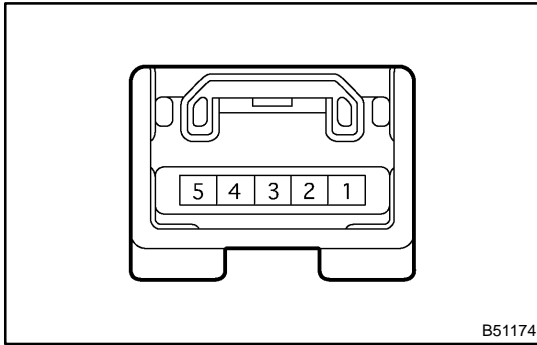
### 1. INSPECT WIRELESS DOOR LOCK CONTROL FUNCTION

- (a) Check the basic function.
  - (1) In the remote control operational area, check that all the doors lock or unlock when the switch has been pressed for approximately 1 second. However, this will not happen when the key is in the ignition key cylinder or any of the doors is open.
- (b) Check the automatic locking function.
  - (1) Check that all doors lock automatically as long as none of the doors have 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, check that the automatic locking function does not operate when any of the doors has been opened or all doors have been locked within approximately 30 seconds after all doors are unlocked by pressing the switch.
- (c) Check the switch operation fail-safe function.
  - (1) Check that doors can not be locked or unlocked by the switch while the key is in the ignition key cylinder. However, this does not apply when the system is in the recognition code registration mode.
  - (2) Check that doors can not be locked or unlocked by the switch of an unregistered transmitter.
- (d) Check the chattering prevention function.
  - (1) Check that the corresponding operation occurs only once, and not repeated continuously while the switch is kept pressed. However, when the switch is operated repeatedly at one second intervals, check that the corresponding operation is carried out.
- (e) Check the repeat function.
  - (1) Check that all doors attempt to automatically lock once again, 2 second after the lock switch has been pressed while the movement of the driver side door control knob, which is in the unlocked state, is being restricted.
- (f) Check the operation stop function when a door is open or not completely closed.
  - (1) Check that doors are not locked or unlocked by the switch while the doors are open or not completely closed.
- (g) Check the hazard flashing and buzzer sounding function (answer-back).
  - (1) Check that the hazard lights flash and also the buzzer sounds once (when locked) or twice (when unlocked) simultaneously with locking or unlocking operation of all doors, when the switch is pressed.
- (h) Check the room light on function.

#### HINT:

Move the room light switch in the DOOR position before the check.

- (1) Check that the room light will be on simultaneously with the unlocking operation when the switch has been pressed for 1 second
- (2) Check that the room light will be off in approximately 15 seconds if doors have not been opened after the unlocking operation.



## 2. CHECK WIRELESS CONTROL RECEIVER

- (a) Disconnect the receiver connector and check that the connector on the wire harness side.

### Continuity and Voltage:

Tester connection	Condition	Specified condition
1 - Body ground	Constant	Continuity
5 - Body ground	Constant	10 - 14 V

#### HINT:

If the value is not as specified the vehicle's side may be defective.

- (b) Connect the receiver connector and check that the voltage using an oscilloscope.

### Voltage:

Tester connection	Condition	Specified condition
1 - Body ground	All door is closed → Door control transmitter ON	0 V → 6 V → 0 V

#### HINT:

If the result is not as specified, there may be a malfunction on the vehicle side.