

ON-VEHICLE INSPECTION

INSPECT WIRELESS DOOR LOCK CONTROL FUNCTIONS

HINT:

- The switch described in this text is a switch for transmitting signals which is built into the door control transmitter.
- All the functions listed below must be checked in the remote control operational area.
- (a) Put the vehicle under the conditions that allow the wireless control function to be operated (See PRE-CAUTION on page [BE-169](#)).
- (b) Check the basic function.
 - (1) Check whether the LED of the transmitter lights up 3 times when each switch is pressed 3 times.

HINT:

- If the LED does not light up when the switch has been pressed 3 times or more, it may be caused by the dead battery.
- If the switch is held down, the LED blinks continuously.
 - (2) Check that all the doors lock when the LOCK switch is pressed.
 - (3) Check that all the doors will be unlocked when the UNLOCK switch is pressed.

HINT:

If the double switch operation is set in the setting mode of a transmitter, the unlock operation is not carried out as specified in step (3) but carried out as follows:

Only the driver's door will be unlocked when the UNLOCK switch is pressed once, and the other door will be unlocked when the UNLOCK switch is pressed again within 3 seconds.

- (c) Check the chattering prevention function.
Check that the corresponding operation occurs only once and is not repeated continuously while the switch is held. However, when the switch is operated repeatedly at 1 second intervals, check that the corresponding operation is carried out.
- (d) Check the automatic lock function.
 - (1) Check that all the doors lock automatically as long as none of them have been opened or all the doors have not been locked within approximately 30 seconds after they are unlocked by pressing the UNLOCK switch.
 - (2) Check that the automatic locking function does not operate when any door has been opened or all of them have been locked within approximately 30 seconds after they are unlocked by pressing the UNLOCK switch.
- (e) Check the switch operation fail-safe function.
Check that the doors can not be locked using 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.
- (f) Check the operation stop function when a door is open or not completely closed.
Check that the doors are not locked by the switch while any door is open or not completely closed.
- (g) Check the repeat function.
Check that all the doors attempt to automatically lock once again in 2 seconds after the LOCK switch has been pressed while the movement of the driver side door control knob is being restricted while in the unlocked position.
- (h) Check the taillights and parking lights flashing and TVIP buzzer chirps functions (answerback).
 - (1) When the LOCK switch is pressed, check that the lights flash once and buzzer chirps once with the locking of all the doors.
 - (2) When the UNLOCK switch is pressed, check that the lights flash twice and buzzer chirp twice with the unlocking of all the doors.

- (i) Check the illuminated entry function.
 - (1) When all the doors are locked, pressing the UNLOCK switch causes the interior light (when the light switch is in the DOOR position) to illuminate simultaneously with the unlock operation.
 - (2) Check that the interior light fade out in approximately 30 seconds if doors have not been opened.
- (j) Check the remote panic alarm function.

Check that the horn sounds and the headlights and taillights flash for 60 seconds by the TVIP alarm function when the PANIC switch is pressed. Also, check that the horn stops sounding and the lights stop flashing when either switch of the transmitter is pressed or any door is either locked or unlocked using the key.
- (k) Check the ignition-controlled automatic door lock/unlock function.

HINT:

This function's initial mode is OFF, however the program for this function can be changed using the specified method (see page [BE-170](#)).

- (1) Insert the key into the ignition key cylinder and turn the ignition switch to on the ON or START position. Check that all the doors are automatically locked.
- (2) Turn the key back to the ACC or LOCK position, and check that all the doors automatically unlocked.