

## ON-VEHICLE INSPECTION

### 1. CHECK WIRELESS DOOR LOCK CONTROL FUNCTION

#### HINT:

- The switches described below transmit signals and are built into the door control transmitter.
  - The transmitter's operational area must be taken into account while checks are being made.
- (a) Make sure that the vehicle is in a condition in which the wireless door lock control functions can be operated (see page [DL-37](#)).
  - (b) Check the basic function.
    - (1) Check that all the doors lock when the LOCK switch is pressed.
    - (2) Check that only the driver side door unlocks when the UNLOCK switch is pressed once and the remaining doors unlock when the UNLOCK switch is pressed again within 3 seconds.
  - (c) Check the chattering prevention function.
    - (1) When a switch is pressed, check that the corresponding operation occurs only once. When the switch is held down, check that the corresponding operation occurs only once and does not repeatedly activate. Lastly, when a switch is pressed at 1 second intervals, check that the corresponding operation activates once for every press of the switch.
  - (d) Check the automatic lock function.
    - (1) Check that when all of the doors are unlocked with the UNLOCK switch and none of the doors are opened or locked within approximately 30 seconds, the doors automatically relock.
    - (2) Check that when all of the doors are unlocked with the UNLOCK switch and a door is opened or locked within approximately 30 seconds, the automatic lock function does not operate.
  - (e) Check the switch operation fail-safe function.
    - (1) When the key is in the ignition key cylinder, check that doors cannot be locked by the LOCK switch.
  - (f) Check the operation stop function when a door is open or not completely closed.
    - (1) When a door is open or not completely closed, check that doors cannot be locked by the LOCK switch.
  - (g) Check the repeat function.
    - (1) When the lock switch is pressed while the movement of the driver side door control knob is restricted, check that 1 second later, the repeat function attempts to lock all of the doors again.

- (h) Check the hazard warning light flashing functions (answer-back).
  - (1) When the LOCK switch is pressed, check that the lights flash once and all doors lock.
  - (2) When the UNLOCK switch is pressed once, check that the lights flash twice and the driver side door unlocks.
  - (3) When the UNLOCK switch is pressed again within 3 seconds, check that the lights flash twice and all remaining doors unlock.
- (i) Check the illuminated entry function.
  - (1) When all the doors are locked, pressing the UNLOCK switch causes the room light (when the light switch is in the DOOR position) to illuminate simultaneously and all doors unlock.
  - (2) Check that the room light turns off in approximately 15 seconds if doors have not been opened.
- (j) Check the panic alarm function.
  - (1) Check that when the PANIC switch is pressed, the theft alarm function sounds the horn, and flashes the headlights and taillights for 60 seconds. And, with the theft alarm function active, check that pressing any switch on the transmitter causes the horn to stop sounding and the headlights and taillights to stop flashing.