

POWER DOOR LOCK CONTROL SYSTEM

730IM-01

ON-VEHICLE INSPECTION

1. CHECK ELECTRICAL DOOR LOCK OPERATION

- (a) Check these basic functions.
- (1) For the door control switch (manual operation): 1) pushing LOCK causes all the doors to lock and 2) pushing UNLOCK causes all the doors to unlock.
 - (2) For the driver side key cylinder lock function: turning the driver or passenger side door lock key cylinder to LOCK causes all the doors to lock.
 - (3) For the driver side key cylinder unlock function: 1) turning to UNLOCK once causes the driver side door to unlock, and 2) turning again to UNLOCK within 3 seconds causes all the doors unlock (2-step unlock function).
- (b) Check the key lock-in prevention function.

NOTICE:

In order to prevent the key from being actually locked-in, the inspection should be made with the driver side door window open.

- (1) Insert the key into the ignition key cylinder.
 - (2) With the driver side door open, turn the driver side door lock knob to LOCK and check that all the doors unlock immediately.
 - (3) With the driver side door open, push LOCK on the door control switch (manual operation) and check that all the doors unlock immediately.
 - (4) With the driver side door open, turn the driver side door lock knob to LOCK, hold it for 2 seconds or more and then close the driver side door. Check that all the doors unlock.
- (c) Check the security function.
- (1) Close all doors and leave the driver side door window open so that the door control switch can be operated from outside the vehicle.
 - (2) Pull out the key, open the driver side door, lock it using the door lock knob and close it. Check that when the door control switch (manual operation) is turned to UNLOCK from outside the vehicle, all doors do not unlock.
 - (3) Pull out the key, close and lock the driver side door by key operation. Check that when the door control switch (manual operation) is turned to UNLOCK from outside the vehicle, all doors do not unlock.
 - (4) Pull out the key, close the driver side door and lock the door by wireless door lock operation. Check that when the door control switch (manual operation) is turned to UNLOCK from outside the vehicle, all doors do not unlock.

HINT:

Check that the security function is canceled under the following conditions.

- The ignition switch is turned ON.
- The driver side door is unlocked using the key.
- The door control switch (manual operation) is turned to UNLOCK after the door control knob is turned to UNLOCK manually.
- The doors are unlocked by wireless operation.

2. CHECK ILLUMINATION

(a) Check the door unlock illuminated system.

HINT:

"All doors" is a phrase used to refer to: the driver side door, the passenger side door, the rear left door, the rear right door and the back door.

- (1) Set the room lamp switch to the DOOR position.
- (2) Close all doors and lock them (using the door control switch, wireless operation or key operation).
- (3) When the wireless operation or key operation is used to unlock the doors, check that the room lamp illuminates and then fades out after 15 seconds.

HINT:

Starting step b (illuminated entry system) while the room lamp is still illuminated will stop the door unlock illuminated system and begin the illuminated entry system.

(b) Check the illuminated entry system.

HINT:

"All doors" is a phrase used to refer to: the driver side door, the passenger side door, the rear left door, the rear right door and the back door. "One of the doors" is a phrase used to refer to any one of the doors mentioned above.

- (1) Set the room lamp switch to the DOOR position.
- (2) With all doors closed, open one of the doors and the room lamp will illuminate. Check that closing the open door causes the room lamp to fade out after 15 seconds.
- (3) With all doors closed and the room lamp illuminated, check that setting the doors to the LOCK position (using the door control switch, wireless operation or key operation) causes the room lamp to immediately fade out.
- (4) With all doors closed and the room lamp illuminated, check that turning the ignition switch from OFF to ON causes the room lamp to immediately fade out.

HINT:

- If the room lamp remains illuminated for 20 minutes, the room lamp will enter battery save mode and automatically fade out.
- The battery save mode timer is reset when: 1) inserting the key into the ignition key cylinder, or 2) opening or closing one of the doors.

3. BACK DOOR LOCK

(a) When the battery is reconnected:

The back door is locked and therefore cannot be opened. Therefore, it is necessary to unlock the back door using the door control switch or transmitter switch.