

POWER DOOR LOCK CONTROL SYSTEM

730B4-01

ON-VEHICLE INSPECTION

1. INSPECT FOR ELECTRICAL DOOR LOCK OPERATION

HINT:

- w/ Power window:
The door control switch is built in the master switch in the driver's door and also in the passenger's door.
 - w/o Power window:
The door control switch is in the driver's door and also in the passenger's door.
- (a) Check the basic function.
- (1) Check that all the doors will lock when the door control switch (for manual operation) is turned to the lock side and all the doors will unlock when turned to the unlock side.
 - (2) Check that all the doors will lock when the driver's door lock key cylinder is turned to the lock side with the key.
 - (3) Check that all the doors will lock when the passenger's door lock key cylinder is turned to the lock side with the key.
 - (4) Check that only the driver's door will unlock when the driver's door lock key cylinder is turned to the unlock side and all the doors will unlock when turned to the unlock side once again within 3 seconds from the first unlocking operation, with the key (2-step unlocking function).

HINT:

The 2-step unlocking function is applicable to the driver's door lock key cylinder only.

- (5) Check that all the doors will unlock when the passenger's door lock key cylinder is turned to the unlock side once with the key.
- (b) Check the key confinement prevention function.

NOTICE:

In order to prevent the key from being confined, the inspection should be performed with the driver's door glass open.

- (1) Insert the ignition key into the ignition key cylinder.
 - (2) With the driver's door open, check all the doors will immediately unlock when the door lock knob for the driver's door is turned to the lock side.
 - (3) With the driver's door open, check all the doors will immediately unlock when the door control switch (for manual operation) is turned to the lock side.
 - (4) With the driver's door open, lock the driver's door by holding the driver's door lock knob in the lock side for 2 seconds or more, and then close the driver's door. At this time, check that all the doors will unlock.
- (c) Check the security function.
- (1) Close all the doors with the driver's door glass open so that the door control switch (for manual operation) can be operated from the outside of the vehicle.
 - (2) Pull out the ignition key, open the driver's door, and close and lock the door with the door control switch (for manual operation). Under this condition, check that all the doors will not unlock when the door control switch (for manual operation) is turned to the unlock side from the outside of the vehicle.
 - (3) Pull out the ignition key, close and lock the driver's door by the key operation. Under this condition, check that all the doors will not unlock when the door control switch (for manual operation) is turned to the unlock side from the outside of the vehicle.
 - (4) Pull out the ignition key, close the driver's door and lock the door by the wireless door lock operation. Under this condition, check that all the doors will not unlock when the door control switch (for manual operation) is turned to the unlock side from the outside of the vehicle.

- (5) Check that the security function will cancel when either of the following conditions is satisfied.
 - The ignition switch turned ON
 - The driver's door unlocked by the key operation
 - The door control switch (for manual operation) turned to the unlock side after unlocking the door control knob manually
 - The doors unlocked by the wireless operation (for wireless door lock models)
- (d) Check the illuminated entry function.
 - (1) Check that the room light, ignition switch light and rear room light will light up when opening any of the doors and fade out in 15 seconds after closing the door.
 - (2) Check that the room light, ignition switch light and rear room light will fade out immediately when either of the following conditions is satisfied.
 - All the doors closed and locked
 - All the doors closed and the ignition switch turned ON or ACC