POWER DOOR LOCK CONTROL SYSTEM

73088–01

ON–VEHICLE INSPECTION

1. DOOR LOCK FAIL–SAFE

(a) When a malfunction in the door control switch (manual switch, interlocked operation with key) has been detected door LOCK/UNLOCK operations become unable.

2. CHECK FOR ELECTRICAL DOOR LOCK OPERATION

(a) Check the basic function.

(1) Check that all doors will lock when the door control switch (for manual operation) is turned to the lock side and all doors will unlock when turned to the unlock side.

(2) Check all doors will lock when the driver's door is operated to be lock and all doors will unlock when operated to be unlock, by the key operation outside the vehicle.

(b) Check the key confinement prevention function.

NOTICE:

In order to prevent the key from being confined, the inspection should be made 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 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 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, then check that all doors will unlock.

(c) Check the security function.

(1) Close all doors with the driver's door glass open so that the door control switch can be operated outside the vehicle

(2) Pull out the ignition key, open the driver's door, and close and lock the door without a key operation. Under this condition, check that all doors will not unlock when the door control switch (for manual operation) is turned to the unlock outside 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 doors will not unlock when the door control switch (for manual operation) is turned to the unlock outside 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 doors will not unlock when the door control switch (for manual operation) is turned to the unlock outside the vehicle.

HINT:

Under the conditions below, check that the security function will cancel.

- Ignition switch turned ON.
- Driver's door is unlocked by the key operation.
- Door control switch (for manual operation) turned to the unlock side after unlocking the door control knob manually.
- Doors are unlocked by the wireless operation.

(d) Check the illumination function.
  (1) Set the map light switch in the DOOR position.
  (2) Check that the map light will be on simultaneously with all doors' unlocking operation when only the driver's door out of all the locking doors is turned unlock by the key operation.
  (3) Map light will be off in approximately 15 seconds if a door has not been opened for a while.

3. INSPECT DOUBLE LOCKING SYSTEM FUNCTION (RHD)

HINT:

- In case of doing the following inspection, must open one of the windows of the doors.
- In order to set the double locking, turn the ignition switch ON to OFF, open the driver's door and close it, then lock the door with the transmitter.
- In case of doing the following inspection, for preventing the wrong warning, turn OFF the radar sensor. The method to turn off the radar sensor is to press the lock button of the transmitter to lock, then press the lock button again. (When the radar sensor turns OFF, "all turn signal light" flashes 5 times.)
  In order to turn ON the radar sensor again, press the lock button of the transmitter again. (When the radar sensor turns ON again, "all turn signal light" flashes once.)
  Switching from ON to OFF can be performed only within 30 seconds after setting the Theft Deterrent System (locking with the transmitter).

(a) Check that the double locking is set.
  (1) Lock with the wireless transmitter from the inside of the vehicle.
  (2) Check that the doors will not open from the inside of the vehicle even operating the door lock knob and inside door handle

(b) Check that the double locking is released (Case 1).
  (1) Unlock with the wireless transmitter from the inside of the vehicle.
  (2) Check that the doors will open from the inside of the vehicle by operating the door knob and inside door handle.

(c) Check that the double locking is released (Case 2).
  (1) Lock with the wireless transmitter from the inside of the vehicle.
  (2) Under this condition, insert the key into the ignition key cylinder, turn the ignition switch to ON and check that the doors will open.

If you find any abnormal symptom in the check items of (a), (b) and (c), troubleshoot according to the Problem Symptoms Table.(See page 05–1232)