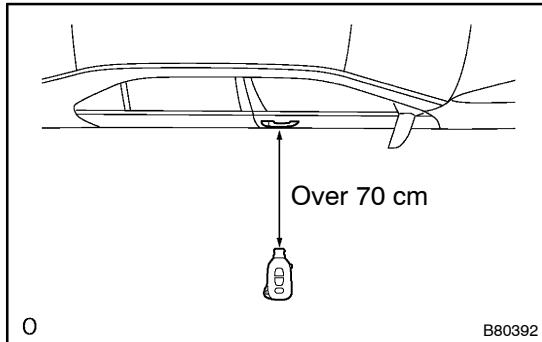


ON-VEHICLE INSPECTION

1. Smart Key System Operation Inspection

(a) Inspect the smart door unlock function.

- (1) Use the wireless lock operation to lock all the doors. With the smart key in your possession, touch a door's outside handle (touch sensor) and check that all doors unlock.

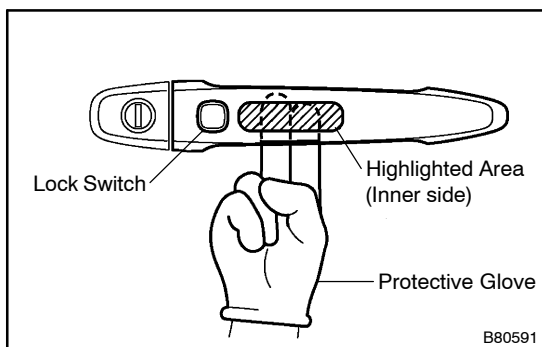


- (2) Inspect the smart door unlock operation's detection area. Hold the smart key at the same height as the door's outside handle (approximately 80 cm (2.6 ft)). Pay attention to the direction of the smart key in the illustration on the left. Check that when the smart key is brought within 70 to 100 cm (2.3 to 3.3 ft) of the vehicle, the system enters unlock standby mode. Unlock standby mode is signified by the smart key's red LED illuminating.
- (3) Once the system enters unlock standby mode, touch the outside handle's sensor within 3 seconds. Check that the door unlocks.

NOTICE:

The smart key cannot communicate with the system within a 20 cm (0.66 ft) radius of each outside handle.

- (4) Repeat steps (2) and (3) for the remaining doors.



- (5) Inspect the door oscillator's response sensitivity. Wear protective gloves, set the system to unlock standby mode, and check that touching the highlighted area on the inner side of the outer handle with your index finger (as shown in the illustration) causes the door to unlock.

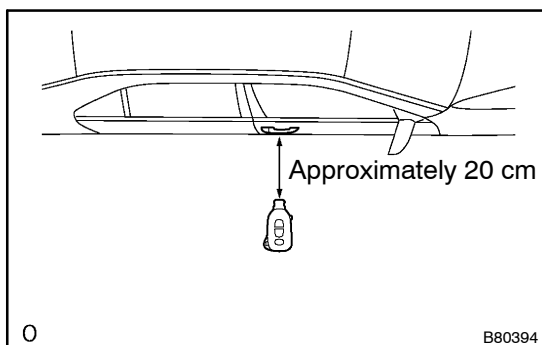
NOTICE:

When touching the highlighted area, tapping too quickly or having extended contact may not trigger the sensor. In such a case, the door will not unlock.

- (6) Repeat step (5) for the remaining doors.

(b) Inspect the smart door lock function.

- (1) Close all of the vehicle's doors and set the system to unlock standby mode. With the smart key in your possession outside of the vehicle, check that pressing the lock switch locks all the doors.



- (2) Inspect the smart door lock operation's detection area and the vehicle interior's wireless door lock receiver for wave leaks. Hold the smart key at a height of 1 m (3.3 ft) (10 cm (0.33 ft) above the lower edge of the window frame). Pay attention to the direction and position of the smart key in the illustration on the left. Check that when the smart key is approximately 20 cm (0.66 ft) from the vehicle and the lock switch is pressed, all the doors lock and the warning buzzer (for when the key is forgotten) does not sound.

NOTICE:

If the warning buzzer sounds, the vehicle interior's wireless door lock receiver may have a wave leak.

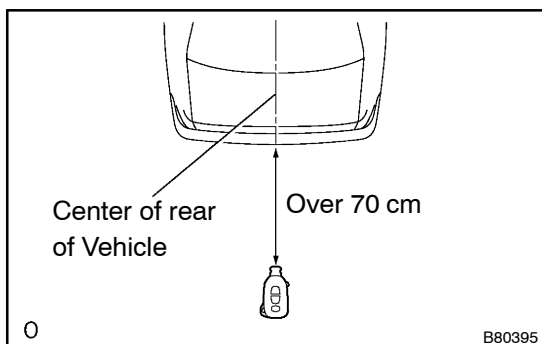
HINT:

Due to the smart key being unable to communicate with the system within a 20 cm (0.66 ft) distance from the outside handle, do not press the lock switch with the same hand that is holding the smart key. The doors will not lock.

- (3) Repeat steps (1) and (2) for the remaining doors.

- (c) Inspect the smart trunk open function.

- (1) Close the luggage compartment door. With the smart key in your possession, check that pressing the luggage electrical key switch (trunk switch) opens the luggage compartment door.



- (2) Inspect the smart trunk open operation's detection area. Hold the smart key at the same height as the luggage electrical key switch (trunk switch) (approximately 80 cm (2.6 ft)) and aligned with the center of the rear of the vehicle. Pay attention to the direction of the smart key in the illustration on the left. Check that when the smart key is brought within 70 to 100 cm (2.3 to 3.3 ft) of the vehicle, pressing the luggage electrical key switch (trunk switch) opens the luggage compartment door.

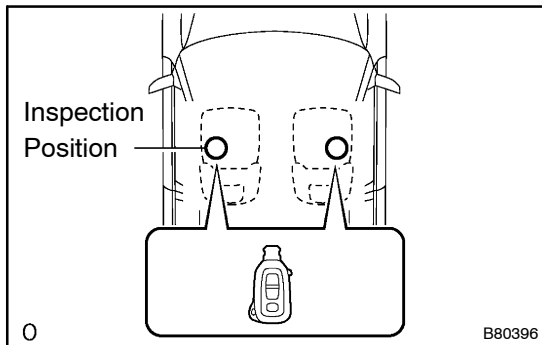
- (d) Smart ignition function inspection

- (1) With the smart key in your possession, check that turning the ignition switch to ON starts the engine.

HINT:

The engine can be started only when the smart indicator is illuminated.

- (2) With the smart key in your possession, check that turning the ignition switch from ON to ACC or LOCK stops the engine.



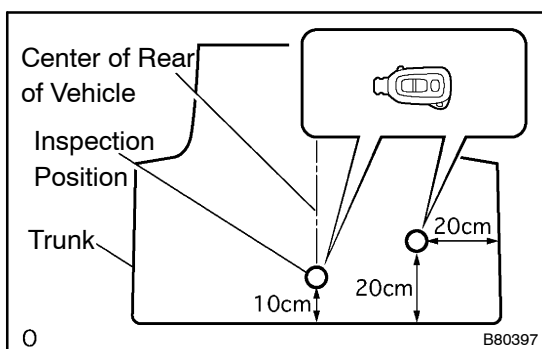
- (3) Inspect the smart ignition operation's detection area. Pay attention to the direction of the smart key in the illustration on the left. When the smart key is in either of the two locations in the illustration, check that the engine can start.

NOTICE:

The engine cannot be started when the smart key is on the instrument panel or package tray, or in the glove box.

- (e) Inspect the smart key lock-in prevention function.

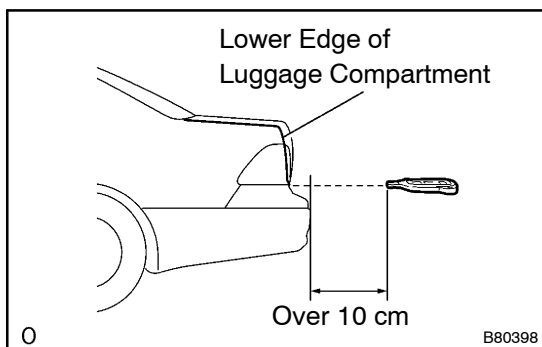
- (1) Place the smart key into the trunk. Check that: 1) closing the luggage compartment door triggers the smart key's wireless buzzer (which lasts approximately 10 seconds), and 2) pressing the luggage electrical key switch (trunk switch) opens the luggage compartment door.



- (2) Inspect the smart key lock-in prevention's detection area. Pay attention to the direction of the smart key in the illustration on the left. When the smart key is in either of the two locations in the illustration, check that: 1) closing the luggage compartment door sounds the smart key's wireless buzzer, and 2) pressing the luggage electrical key switch (trunk switch) opens the luggage compartment door.

NOTICE:

If the smart key is inside a metal briefcase, metal box or any other metal storage item, the smart key will not be able to be detected by the system.



- (3) Inspect the smart key lock-in prevention's detection area and the trunk interior's wireless door lock receiver for wave leaks. Hold the smart key at the same height as the lower edge of the luggage compartment door and aligned with the center of the rear of the vehicle. Pay attention to the direction and position of the smart key in the illustration on the left. Check that when the smart key is over 10 cm (0.33 ft) from the vehicle's rear bumper, the smart key's wireless buzzer does not sound.

HINT:

If the warning buzzer sounds, the trunk interior's wireless door lock receiver may have a wave leak.

- (f) Inspect the smart key cancel function.

- (1) While the ignition switch is ON, check that the smart trunk open switch is the only switch in the smart key system that can be operated.
- (2) While the keyless entry cancel switch (smart system cancel switch) is ON, check that all switches in the smart key system cannot be operated.

(g) Inspect the smart indicator function.

Condition	Indicator
Ignition switch is ON mode and vehicle interior check is OK.	Illuminated
Ignition switch is OFF mode and one of the doors is open.	Blinking
Ignition switch is ON/ACC and all doors are locked.	Off

HINT:

In cases where an illuminated condition and a blinking condition are both satisfied, the indicator will illuminate.

(h) Inspect the answer-back (hazard warning lamp flashing or buzzer is sounding) function.

Smart Operation	Hazard Warning Lamp	Buzzer
Smart Door Lock	flashes once	sounds once
Smart Door Unlock	flashes twice	sounds twice
Smart Trunk Open	does not flash	sounds once