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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> DOOR LOCK: WIRELESS DOOR LOCK CONTROL SYSTEM: OPERATION CHECK; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## OPERATION CHECK

### NOTICE:

Make sure that the vehicle is in an area that allows the wireless control function to operate.

### HINT:

- The switches described in this text are the switches for transmitting signals. The switches are built into the electrical key transmitter sub-assembly.
- All the functions listed below must be checked in comparison with the wireless door lock control operation area.

### CHECK CUSTOMIZE PARAMETERS

(a) The operation check below is based on the non-customized initial condition of the vehicle.

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### CHECK BASIC FUNCTIONS

(a) Check that the LED of the electrical key transmitter sub-assembly illuminates and turns off 3 times when each switch is pressed and held for 5 seconds.

### HINT:

If the transmitter LED illuminates once or twice but not a third time when the switch has been pressed and held for 5 seconds or more, it may have a weak auxiliary battery.

- (b) Check that all of the doors lock when the lock switch is pressed.
- (c) Check that the driver door unlocks when the unlock switch is pressed once, and all of the doors unlock when pressed twice within 5 seconds.
- (d) Check that the back door opens or closes when the power back door switch is pressed and held for 0.8 seconds or more.

### CHECK THE CHATTERING PREVENTION FUNCTION

(a) Press and hold the lock or unlock switch on the electrical key transmitter sub-assembly and check that the corresponding operation occurs only once and is not repeated continuously while the switch is held. Then press the switch repeatedly at 1-second intervals, check that the corresponding operation is carried out.

### CHECK THE SWITCH OPERATION FAIL-SAFE FUNCTION

(a) Check that the doors cannot be locked/unlocked by operating a switch on an unregistered electrical key transmitter sub-assembly, but that the doors can be locked/unlocked by operating a switch on the registered electrical key transmitter sub-assembly.

### CHECK THE AUTOMATIC LOCKING FUNCTION

- (a) Check that the doors lock automatically if none of the doors have been opened or all of the doors have not been locked within approximately 60 or 30\* seconds of all of the doors being unlocked by pressing the unlock switch.
- (b) Check that the automatic locking function does not operate when any door has been opened within approximately 60 or 30\* seconds of unlocking the doors by pressing the unlock switch.
- (c) Check that the automatic locking function does not operate when all of the doors have been locked manually (such as using key linked operation, or by pressing the lock switch) within approximately 60 or 30\* seconds of

unlocking the doors by pressing the unlock switch.

\*: Default setting differs depending on the country.

## **CHECK THE DOOR AJAR WARNING BUZZER FUNCTION**

### **HINT:**

When the Wireless Lock Function with Doors Open customize setting is set to Enable, this function will be disabled even if the Open Door Warning Function customize setting is set to Enable.

- (a) Check that the wireless door lock buzzer sounds for approximately 5 seconds when the lock switch is pressed with any of the doors ajar or open.

### **HINT:**

The doors can be unlocked even when a door is open or ajar.

## **CHECK THE DOOR LOCK STOP FUNCTION THAT OPERATES WHEN A DOOR IS OPEN/AJAR**

- (a) With a door open or ajar, check that the doors cannot be locked by operating the lock switch.

## **CHECK THE WIRELESS RESERVATION LOCK FUNCTION (w/ Wireless Reservation Lock Function)**

### **HINT:**

When the Wireless Lock Function with Doors Open customize setting is set to Enable, the door ajar warning buzzer function will be disabled even if the Open Door Warning Function customize setting is set to Enable.

- (a) Check that the doors are locked by performing a wireless lock operation with any door open.
- (b) Check that answer-back (wireless door lock buzzer) function operates when the wireless operation is performed and answer-back (hazard warning light) function operates when the doors are closed.

## **CHECK THE POWER BACK DOOR RESERVATION LOCK FUNCTION**

- (a) Check that the doors lock after the back door is closed when the lock switch is pressed during the back door closing operation via the power back door function.

## **CHECK WIRELESS ONE MOTION FUNCTION**

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## **CHECK THE ANSWER-BACK (HAZARD WARNING LIGHT) FUNCTION**

- (a) When the lock switch is pressed, check that the hazard warning lights flash once simultaneously with the locking operation of all of the doors.
- (b) When the unlock switch is pressed and all of the doors are locked, check that the hazard warning lights flash twice simultaneously with the unlocking operation of all of the doors.
- (c) With the back door locked, when the back door open switch is pressed and held for 0.8 seconds or more, check that the hazard warning lights flash twice.

## **CHECK THE ANSWER-BACK (WIRELESS DOOR LOCK BUZZER) FUNCTION**

- (a) When the lock switch is pressed, check that the buzzer sounds once simultaneously with the locking operation of all of the doors.
- (b) When the unlock switch is pressed and all of the doors are locked, check that the buzzer sounds twice simultaneously with the unlocking operation of all of the doors.
- (c) With the back door locked, when the back door open switch is pressed and held for 0.8 seconds or more, check that the wireless door lock buzzer sounds.

## **CHECK THE PANIC ALARM CONTROL FUNCTION (w/ Panic Function)**

- (a) Check that the horn sounds, the headlights, taillights, hazard lights flash and the interior lights remain on (when the light switch is turned to the door position) for 60 seconds, when the panic switch is held down for 0.8 seconds or more. Also, check that the horn stops sounding and the lights stop flashing when any switch of the electrical key transmitter sub-assembly is pressed.

**CHECK THE ILLUMINATED ENTRY FUNCTION**

Click here 

**CHECK THE POWER WINDOW OPERATION FUNCTION**

Click here 

