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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: POWER DOOR LOCK CONTROL SYSTEM: OPERATION CHECK; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## **OPERATION CHECK**

### **CHECK CUSTOMIZE PARAMETERS**

#### **NOTICE:**

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 all of the doors lock when the lock switch of the door control switch is pressed.
- (b) Check that all of the doors unlock when the unlock switch of the door control switch is pressed.
- (c) Check that all of the doors lock when the driver door key cylinder is turned to lock using the mechanical key.
- (d) Check that only the driver door unlocks when the driver door lock cylinder is turned to unlock once using the mechanical key and all doors unlock when it is turned to unlock again.\*1
- (e) Check that all doors unlock when the driver door key cylinder is turned to unlock using the mechanical key.\*2

\*1: Customize item "Unlock Key Twice Function" is set to "Enable".

\*2: Customize item "Unlock Key Twice Function" is set to "Disable".

### **CHECK THE KEY LOCK-IN PREVENTION FUNCTION**

#### **NOTICE:**

In order to prevent the key from being locked in the vehicle, the following inspection should be performed with the driver door window open.

- (a) Turn the ignition switch to ON or ACC.
- (b) With the driver door open, check that all of the doors unlock immediately after the door lock knob for the driver door is pressed.
- (c) With the driver door open, check that all of the doors unlock immediately after the lock switch of the door control switch is pressed.
- (d) With the driver door open, press the driver door lock knob and hold it for 2 seconds or more, then close the driver door and check that all of the doors unlock.

### **CHECK THE SECURITY FUNCTION OF THE DOOR LOCK CONTROL SYSTEM**

- (a) Close all of the doors and leave the driver door window open so that the door control switch can be operated from outside the vehicle. (Step 1)
- (b) Open the driver door and remove the key from the vehicle. With the door still open, lock the door using the door lock knob. Close the driver door. Then, check that the doors do not unlock when the unlock switch of the door control switch is pressed from outside the vehicle.
- (c) Starting from Step 1, with the key outside the vehicle, close and lock the driver door using the mechanical key. Then, check that the doors do not unlock when the unlock switch of the door control switch is pressed from outside the vehicle.
- (d) Starting from Step 1, with the key outside the vehicle, close and lock the driver door using wireless key operation or entry operation. Then, check that the doors do not unlock when the unlock switch of the door control switch is pressed from outside the vehicle.

**HINT:**

Check that the security function of the door lock control system is canceled under the following conditions:

- The ignition switch is turned to ON.
- The driver door is unlocked using the key.
- The unlock switch of the door control switch is pressed after the door lock knob is unlocked manually.
- The doors are unlocked by wireless operation.
- The doors are unlocked by entry operation.

**HINT:**

The "Unlock Key Twice Function" can be customized. Make sure that this function is "Enable" before performing.

**CHECK THE KEY-LINKED 2-STEP UNLOCK FUNCTION**

- (a) Lock all doors.
- (b) Check that only the driver door unlocks when the driver door lock cylinder is turned to unlock once using the key and all of the doors unlock when it is turned to unlock again.

**HINT:**

The "Automatic Door Lock Setting" can be customized. Make sure that this function is "Link Shift" before performing.

**CHECK THE SHIFT LINKED AUTOMATIC DOOR LOCK FUNCTION (w/ Shift Linked Automatic Door Lock Function)**

- (a) With the shift lever in P and the ignition switch ON, check that all doors lock automatically when the shift lever is moved to any position other than P.

**HINT:**

The "Automatic Door Lock Setting" can be customized. Make sure that this function is "Link Speed" before performing.

**CHECK THE SPEED-SENSITIVE AUTOMATIC DOOR LOCK FUNCTION (w/ Speed-sensitive Automatic Door Lock Function)**

- (a) When any door is unlocked and the vehicle is driven at approximately 20 km/h (12 mph) or more, check that all of the doors lock automatically.

**HINT:**

The "Automatic Door Unlock Setting" can be customized. Make sure that this function is "Link Shift" before performing.

**CHECK THE SHIFT LINKED AUTOMATIC DOOR UNLOCK FUNCTION (w/ Shift Linked Automatic Door Unlock Function)**

- (a) With the shift lever in any position other than P and the ignition switch ON, check that all doors unlock automatically when the shift lever is moved to P.

**HINT:**

The "Automatic Door Unlock Setting" can be customized. Make sure that this function is "Link D-Door" before performing.

**CHECK THE DRIVER DOOR-LINKED AUTOMATIC DOOR UNLOCK FUNCTION (w/ Driver Door-linked Automatic Door Unlock Function)**

- (a) With the driver door closed, turn the ignition switch from ON to off, open the driver door within approximately 45 seconds, and confirm that all doors automatically unlock.

**CHECK POWER BACK DOOR CLOSE AND LOCK FUNCTION (w/ Power Back Door System)**

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## CHECK ILLUMINATED ENTRY FUNCTION

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