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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> PARK ASSIST / MONITORING: INTUITIVE PARKING ASSIST SYSTEM: PRECAUTION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## **PRECAUTION**

### **PRECAUTIONS WHEN REPLACING CLEARANCE WARNING ECU ASSEMBLY**

#### **NOTICE:**

When the clearance warning ECU assembly is replaced, update the ECU security key.

Click here [INFO](#)

### **PRECAUTION FOR DISCONNECTING CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL**

#### **NOTICE:**

After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

Click here [INFO](#)

#### **HINT:**

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

### **PRECAUTION FOR INTUITIVE PARKING ASSIST SYSTEM**

#### (a) Intuitive Parking Assist

(1) The intuitive parking assist(static objects) is a support function that notifies the driver of the distance to objects near the vehicle during low-speed driving through a buzzer and display.

(2) Precautions to observe during use

- The operating range of the sensors and the vehicle speeds at which they operate are limited. When driving the vehicle, be sure to confirm that the area around the vehicle is safe (especially on the sides of the vehicle), use the brakes to control the vehicle speed and drive slowly.
- Do not install any accessories near the sensors.
- If an abnormality is displayed, first confirm the status of the sensor. If an abnormality is displayed even though there is no ice, snow or dirt, the sensor may be operating abnormally.

(3) Under the following conditions, the detection function may not function properly:

- A sensor is covered with foreign matter, such as mud or snow (detection function returns to normal when the sensor is cleaned).
- A sensor is frozen (detection function returns to normal when the temperature of the sensor rises).
- The area around the sensor is struck by an object, hit or otherwise subject to a strong impact.
- The bumper is struck.
- A hand is blocking a sensor.

#### **HINT:**

- In very cold weather where a malfunction display appears, the sensor may not be able to detect obstacles.
- If the malfunction display appears, visually check the sensor first. If the sensor is free of foreign matter but the malfunction display remains, the sensor may be malfunctioning.

(4) Precautions to observe when washing the vehicle

- When washing the vehicle with a high pressure car washer, do not allow water to make direct contact with the sensor area. The sensor may stop operating normally if subject to impact from high pressure water.
- When washing the vehicle with a washer that uses steam, do not allow the steam to come too close to the sensor area. Steam may cause the sensor to stop operating normally.

(5) Precautions during use

- Do not allow the speed of the vehicle to exceed the operation vehicle speed.
- The detection range of the sensor is limited to the vehicle corners and around the front/rear bumpers.
- The detection range may decrease or the sensor may become unable to detect anything at all, depending on the shape of the obstacle or conditions.
- The sensor may be unable to detect obstacles that are too close.
- After an obstacle is detected, it may take a short amount of time for the indicator to operate and the buzzer to sound. The obstacle may approach the non-detection range before the indicator operates and the buzzer sounds, even when driving at low speeds.
- The sensor may not detect objects that are lower than the sensor, thin stakes and similar objects as they approach, even if they have been detected already.
- When playing audio or using the air conditioning, sounds such as music or the fan noise may make it difficult to hear the buzzer sound.

(6) The sensor may not be able to detect obstacles in the following situations. Be sure to drive carefully.

- The sensor is covered by ice, snow or dirt (returns to normal when the sensor is cleaned).
- The sensor is frozen (returns to normal when not frozen).
- The sensor is covered by an object such as a hand.
- In blazing heat or freezing cold.
- The vehicle is being driven on undulating roads, sloped roads, unpaved roads, in tall grass or similar conditions.
- The vehicle is close to a source of ultrasonic waves, such as a vehicle horn or sensor system, motorcycle engine, large vehicle air brakes or parking sonar system on another vehicle.
- Heavy rain or water sprayed on the sensor.
- The sensor is covered by water on a flooded road.
- The vehicle is extremely tilted.
- An after-market fender pole, wireless antenna or fog light is installed.
- The vehicle is being driven toward a high curb or perpendicular curb.
- An obstacle is near the bottom of the bumper.
- An obstacle is too close to the sensor.
- A towing hook is installed.
- A suspension other than a genuine suspension is installed.
- A backlit license plate is installed.

(7) The sensor may not be able to detect the following objects. Be sure to drive carefully.

- Thin objects such as wire, fences and rope.
- Objects that absorb sound waves such as strings or snow.
- Objects with sharp corners.
- Short or low to the ground objects.
- Tall objects where the top sticks out.
- Some people may also not be detected due to their clothing.

## **SENSOR EXPRESSIONS (w/ Rear Cross Traffic Alert System)**

(a) The descriptions for the blind spot monitor sensors differ depending on the system. The expressions listed in the table below are used in this Repair Manual.

PART NAME	ACTUAL PART NAME
Blind spot monitor sensor LH (B)	Blind spot monitor sensor LH
Blind spot monitor sensor RH (A)	Blind spot monitor sensor RH

