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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> LIGHTING (INT): LIGHTING SYSTEM: OPERATION CHECK; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## OPERATION CHECK

### INSPECT ILLUMINATED ENTRY SYSTEM OPERATION

**NOTICE:**

Perform this inspection with the customize settings set to their default setting.

**HINT:**

Perform this inspection with the door linked switch of the map light assembly on and switch of the No. 1 room light assembly in the off (DOOR) position.

FUNCTION	OUTLINE	LIGHTS THAT OPERATE
Actuation Area-linked	<p>When a registered key is brought within any vehicle exterior detection area around the doors, the lights that operate turn on.</p> <p>In the following situations, the lights listed to the right dimly illuminate when an electrical key transmitter is carried inside any of the vehicle exterior detection areas.</p> <ul style="list-style-type: none"> <li>• IG OFF</li> <li>• All doors are closed</li> <li>• All doors are locked</li> </ul>	<p><b>Full illumination</b></p> <ul style="list-style-type: none"> <li>• No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul> <p><b>Dimmed</b></p> <ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> </ul>
Door Lock/Unlock-linked (When entering the vehicle)	<p>In the above situation, the lights listed to the right illuminate when any door is unlocked.</p>	<ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> <li>• No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul>
<p>*1: w/ Footwell light</p> <p>*2: w/ Ambient illumination light</p>		

FUNCTION	OUTLINE	LIGHTS THAT OPERATE
		<ul style="list-style-type: none"> <li>No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul>
<p>Door Open/Close-linked (When entering the vehicle)</p>	<p>In the above situation, the lights listed to the right illuminate when any door is opened.</p>	<p><b>Full illumination</b></p> <ul style="list-style-type: none"> <li>Map Light Assembly</li> <li>Spot Light Assembly</li> <li>No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul> <p><b>Dimmed</b></p> <ul style="list-style-type: none"> <li>Push Start Switch Illumination</li> </ul>
<p>Brake-linked</p>	<p>In the above situation, the lights listed to the right illuminate when the brake pedal is depressed.</p>	<ul style="list-style-type: none"> <li>Map Light Assembly</li> <li>Spot Light Assembly</li> <li>No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>Push Start Switch Illumination</li> </ul>
<p>Push Start Switch-linked</p>	<p>In the above situation, the lights listed to the right illuminate when the ignition switch is turned from off or ACC to ON.</p>	<p><b>Full illumination</b></p> <ul style="list-style-type: none"> <li>Map Light Assembly (Down Light)</li> <li>No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> </ul>

\*1: w/ Footwell light

\*2: w/ Ambient illumination light

FUNCTION	OUTLINE	LIGHTS THAT OPERATE
		<ul style="list-style-type: none"> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul> <p><b>Dimmed</b></p> <ul style="list-style-type: none"> <li>• Push Start Switch Illumination</li> </ul>
Shift Position-linked	In the above situation, the lights listed to the right dimly illuminate when the shift state is changed to other than P.	<ul style="list-style-type: none"> <li>• Map Light Assembly (Down Light)</li> <li>• No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• Push Start Switch Illumination</li> </ul>
IG ON → OFF (When exiting the vehicle)	In the above situation, the lights listed to the right illuminate when the ignition switch is turned from ON to off or ACC.	<p><b>Full illumination</b></p> <ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> <li>• No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> </ul>
<p>*1: w/ Footwell light</p> <p>*2: w/ Ambient illumination light</p>		

FUNCTION	OUTLINE	LIGHTS THAT OPERATE
		<b>Dimmed</b> <ul style="list-style-type: none"> <li>• Push Start Switch Illumination</li> </ul>
Door Lock/Unlock-linked (When exiting the vehicle)	In the above situation, the lights listed to the right dimly illuminate when any door is locked for approximately 7.5 seconds, or until the electrical key transmitter is carried outside of the detection area, and then turn off.	<ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> <li>• No. 2 Interior Illumination Light Assembly (LH/RH)*1</li> <li>• No. 1 Interior Illumination Light Assembly (No. 1 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Front Passenger Side) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• No. 2 Interior Illumination Light Assembly (for Center) (No. 2 Instrument Panel Garnish Sub-assembly)*2</li> <li>• Push Start Switch Illumination</li> </ul>
Delay	<p>When approximately 15 seconds elapse after any of the following conditions is met, the lights that operate turn off:</p> <ul style="list-style-type: none"> <li>• An actuation area-linked function is operated.</li> <li>• The door unlock-linked function is operated.</li> <li>• Any door is opened and then all doors are closed when the ignition switch is off.</li> <li>• The ignition switch is turned from ON to ACC or off when all the doors are closed.</li> </ul>	<ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> <li>• Vanity Light Assembly (LH/RH)</li> <li>• No. 1 Luggage Compartment Light Assembly</li> </ul>
<p>*1: w/ Footwell light</p> <p>*2: w/ Ambient illumination light</p>		

## INSPECT BATTERY SAVING CONTROL OPERATION

(a) The operations and conditions of this control are described below.

CONTROL	CONDITION	LIGHTS THAT OPERATE
Battery Saving	<p>When 20 minutes elapse after the ignition switch is turned from ON to ACC or off and the lights that operate remain on, the lights are turned off.</p> <p><b>HINT:</b></p> <p>Battery saving control is canceled when any of the following operations is performed before the lights are turned off by battery saving control. After the operation is performed, the lights remain on for another 20 minutes and then the lights are turned off.</p> <ul style="list-style-type: none"> <li>• The ignition switch is turned to ON.</li> </ul>	<ul style="list-style-type: none"> <li>• Map Light Assembly</li> <li>• Spot Light Assembly</li> <li>• Vanity Light Assembly (LH/RH)</li> <li>• No. 1 Luggage Compartment Light Assembly</li> </ul>

CONTROL	CONDITION	LIGHTS THAT OPERATE
	<ul style="list-style-type: none"> <li>Any door is opened and closed.</li> <li>Any door is unlocked.</li> <li>The key enters any exterior actuation area.</li> </ul>	
	<p>When 20 minutes elapse after the ignition switch is turned from ON to ACC or off and the lights that operate remain on, the lights that operate turn off.</p> <p><b>HINT:</b></p> <p>Battery saving control is canceled when any of the following operations is performed before the light is turned off by battery saving control. After the operation is performed, the light remains on for another 20 minutes and then the light is turned off.</p> <ul style="list-style-type: none"> <li>The ignition switch is turned to ON.</li> <li>Any door is opened and closed.</li> <li>Any door is unlocked.</li> <li>The key enters any exterior actuation area.</li> </ul>	<p>Push Start Switch Illumination</p>

