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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: LIGHTING (INT): LIGHTING SYSTEM: PROBLEM SYMPTOMS TABLE; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

PROBLEM SYMPTOMS TABLE

NOTICE:

Before replacing the main body ECU (multiplex network body ECU) or certification ECU (smart key ECU assembly), refer to Registration.

Click here [INFO](#)

HINT:

- Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

Map Light

SYMPTOM	SUSPECTED AREA	LINK
Map light LH or map light RH does not illuminate (Other interior lights are normal)	Map light assembly	INFO
	Harness or connector	-
Map light LH and map light RH do not illuminate (Other interior lights are normal)	Map light assembly	INFO
	Harness or connector	-
Dome light does not illuminate (Other interior lights are normal)	Interior light auto cut circuit	INFO
	Interior light circuit	INFO
	Map light assembly	INFO
Switch illumination and down light do not illuminate (Other interior lights are normal)	Map light assembly	INFO
	Harness or connector	-

Spot Light

SYMPTOM	SUSPECTED AREA	LINK
Spot light assembly does not illuminate (Other interior lights are normal)	Spot light assembly	INFO
	Interior light circuit	INFO
	Map light assembly	INFO
	Harness or connector	-

Footwell Light

SYMPTOM	SUSPECTED AREA	LINK
Footwell light LH does not illuminate	No. 2 interior illumination light assembly (LH)	INFO
	Harness or connector	-
Footwell light RH does not illuminate	No. 2 interior illumination light assembly (RH)	INFO
	Harness or connector	-
Footwell light LH and footwell light RH does not illuminate	Footwell light circuit	INFO
	Harness or connector	-
	Power distribution box assembly	INFO
	Main body ECU (multiplex network body ECU)	INFO

Vanity Light

SYMPTOM	SUSPECTED AREA	LINK
Vanity light (for LH) does not illuminate	Vanity light assembly (LH)	INFO
	Visor assembly LH	INFO
	Harness or connector	-
Vanity light (for RH) does not illuminate	Vanity light assembly (RH)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Visor assembly RH	INFO
	Harness or connector	-

Luggage Compartment Light

SYMPTOM	SUSPECTED AREA	LINK
Luggage compartment light does not illuminate	No. 1 luggage compartment light assembly	INFO
	Harness or connector	-
	Back door courtesy switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Ambient Illumination Light

SYMPTOM	SUSPECTED AREA	LINK
No. 1 interior illumination light assembly (No. 1 instrument panel garnish sub-assembly) does not illuminate	No. 1 interior illumination light assembly (No. 1 instrument panel garnish sub-assembly)	INFO
	Main body ECU (Multiplex network body ECU)	INFO
	Harness or connector	-
No. 2 interior illumination light assembly (for front passenger side) (No. 2 instrument panel garnish sub-assembly) does not illuminate	No. 2 interior illumination light assembly (for front passenger side) (No. 2 instrument panel garnish sub-assembly)	INFO
	Main body ECU (Multiplex network body ECU)	INFO
	Harness or connector	-
No. 2 interior illumination light assembly (for center) (No. 2 instrument panel garnish sub-assembly) does not illuminate	No. 2 interior illumination light assembly (for center) (No. 2 instrument panel garnish sub-assembly)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Harness or connector	-
No. 1 interior illumination light assembly (No. 1 instrument panel garnish sub-assembly) and No. 2 interior illumination light assembly (for center) (No. 2 instrument panel garnish sub-assembly) does not illuminate	Main body ECU (Multiplex network body ECU)	INFO
	Harness or connector	-
All ambient illumination lights does not illuminate	Ambient illumination light circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Illumination notification does not operate	Check customize settings (Illumination Notification)	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Interior Light Power Source Control

SYMPTOM	SUSPECTED AREA	LINK
All the interior lights that receive power via the DOME CUT relay do not illuminate	Interior light auto cut circuit	INFO

Illuminated Entry System

SYMPTOM	SUSPECTED AREA	LINK
All illuminated entry system control functions do not operate under any condition	Check customize settings (Interior Lights ON Function)	INFO
	Interior light circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Actuation area-linked control function does not operate when registered key is brought into any exterior detection area	Check customize settings (Interior Lights ON when Approached Function)	INFO
	CAN communication system (for HEV Model)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	CAN communication system (for PHEV Model)	INFO
	Smart key system (for Entry Function)	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Door lock/unlock-linked control function does not operate when doors are locked/unlocked	Check customize settings (Interior Lights ON when Door Unlocked Function)	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Door open/close-linked control function does not operate when doors are opened/closed	Front door courtesy switch circuit	INFO
	Rear door courtesy switch circuit	INFO
	Back door courtesy switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Push start switch-linked control function does not operate when ignition switch is operated	Check customize settings (Interior Lights ON when IG OFF Function)	INFO
	IG signal circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Push start switch illumination does not illuminate	Check customize settings (Start Switch Light Function)	INFO
	CAN communication system (for HEV Model)	INFO
	CAN communication system (for PHEV Model)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Push start switch illumination circuit	INFO
	Certification ECU (Smart key ECU assembly)	INFO
Shift position linked control does not operate when shift lever is operated	Check customize settings (Light Control Function)	INFO
	CAN communication system (for HEV Model)	INFO
	CAN communication system (for PHEV Model)	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Battery Saving Control System

SYMPTOM	SUSPECTED AREA	LINK
Battery saving function does not operate	Check illuminated entry system	INFO
	Main body ECU (Multiplex network body ECU)	INFO

