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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: LIGHTING (EXT): 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), refer to Registration.

Click here [INFO](#)

- When replacing the combination meter assembly, always replace it with a new one. If a combination meter assembly which was installed to another vehicle is used, the information stored in it will not match the information from the vehicle and a DTC may be stored.
- When replacing the combination meter assembly, update the ECU security key.

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.

Headlight

SYMPTOM	SUSPECTED AREA	LINK
Left or right low beam headlight does not illuminate	Refer to "LO-beam Headlight does not Illuminate"	INFO
Left or right low beam headlight and parking light does not turn off	Harness or connector (H-LP relay - Main body ECU (Multiplex network body ECU) (HRY2/HRLY terminal))	-
Both left and right low beam headlights do not illuminate	Headlight dimmer switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
Left or right high beam headlight does not illuminate	High beam headlight circuit	INFO
Both left and right high beam headlights do not illuminate	Headlight dimmer switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO
High Flash (passing function) does not operate (high beam headlights are normal)	Headlight dimmer switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Parking Light, Accessory Light*1, Daytime Running Light*2

SYMPTOM	SUSPECTED AREA	LINK
Left or right parking light, accessory light or daytime running light do not illuminate	Parking light/daytime running light circuit	INFO
Both left and right parking lights, accessory light or daytime running light do not illuminate	Check customize settings*3	INFO
	Headlight dimmer switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

*1: w/ Accessory Light

*2: w/ Daytime Running Light

*3: for vehicles with customize setting "DRL Function"

Front Side Marker Light (w/ Front Side Marker Light)

SYMPTOM	SUSPECTED AREA	LINK
Left or right front side marker light does not illuminate	Front marker light assembly	INFO
	Harness or connector	-

Accessory Light (w/ Accessory Light)

SYMPTOM	SUSPECTED AREA	LINK
Left or right accessory light does not illuminate	LED illumination light	INFO
	Harness or connector	-
Both left and right accessory lights do not illuminate	Taillight relay circuit	INFO
	Harness or connector	-

Taillight

SYMPTOM	SUSPECTED AREA	LINK
Left or right taillight (rear combination light assembly) does not illuminate	Rear combination light lens and body	INFO
	Harness or connector	-

SYMPTOM	SUSPECTED AREA	LINK
Left or right taillight (rear light assembly) does not illuminate*	Tail light LED	INFO
	Harness or connector	-
All of the taillights, license plate lights and rear side marker lights do not illuminate	Headlight dimmer switch circuit	INFO
	Taillight relay circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

*: w/ Tail Light LED

Rear Side Marker Light (w/ Rear Side Marker Light)

SYMPTOM	SUSPECTED AREA	LINK
Left or right rear side marker light does not illuminate	Rear side marker light assembly	INFO
	Harness or connector	-

License Plate Light

SYMPTOM	SUSPECTED AREA	LINK
License plate light does not illuminate	License plate light assembly	INFO
	Harness or connector	-

Stop Light

SYMPTOM	SUSPECTED AREA	LINK
Left or right stop light (rear combination light assembly) does not illuminate	Rear combination light lens and body	INFO
	Harness or connector	-
All of the stop lights do not illuminate	STOP fuse	-
	Stop light switch assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Harness or connector	-

High Mounted Stop Light

SYMPTOM	SUSPECTED AREA	LINK
High mounted stop light does not illuminate	Center stop light assembly	INFO
	Center stop light cord assembly	INFO
	Harness or connector	-

Back-up Light

SYMPTOM	SUSPECTED AREA	LINK
Left or right back-up light does not illuminate	Back-up light LED	INFO
	Harness or connector	-
Both left and right back-up lights do not illuminate	Back-up light circuit	INFO

Turn Signal Light

SYMPTOM	SUSPECTED AREA	LINK
Left or right front turn signal light does not operate	Headlight housing sub-assembly*2	INFO
	Headlight front turn signal LED*3	INFO
	Harness or connector	-
Left or right rear turn signal light does not operate	Rear turn signal light LED	INFO
	Harness or connector	-
Left or right side turn signal light does not operate*1	Side turn signal light assembly	INFO
	Outer rear view mirror assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Harness or connector	-
Turn signal lights do not operate in one direction	Turn signal switch circuit	INFO
	Meter/gauge system	INFO
All turn signal lights do not operate	Turn signal switch circuit	INFO
	Combination meter assembly	INFO
All turn signal lights do not flash at the correct speed	Combination meter assembly	INFO

*1: w/ Side Turn Signal Light

*2: w/ Front Turn Signal LED Socket

*3: w/o Front Turn Signal LED Socket

Hazard Warning Signal Light

SYMPTOM	SUSPECTED AREA	LINK
Hazard warning signal lights do not operate	Hazard warning switch circuit	INFO
	Combination meter assembly	INFO
Hazard warning signal switch do not flash	Hazard warning switch assembly	INFO
	Combination meter assembly	INFO
	Harness or connector	-

Automatic Light Control System (w/ Automatic Light Control System)

SYMPTOM	SUSPECTED AREA	LINK
Automatic light control system does not operate	Headlight dimmer switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Light Auto Turn-off System

SYMPTOM	SUSPECTED AREA	LINK
Light auto turn-off system does not operate	Headlight dimmer switch circuit	INFO
	IG signal circuit	INFO
	Door courtesy switch circuit	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Wiper-linked Low Beam Headlight Control System (w/ Wiper-linked Low Beam Headlight Control System)

SYMPTOM	SUSPECTED AREA	LINK
Wiper-linked low beam headlight control system does not operate	Check customize settings	INFO
	Main body ECU (Multiplex network body ECU)	INFO

Manual Headlight Beam Level Control System (w/ Manual Leveling System)

SYMPTOM	SUSPECTED AREA	LINK
Headlight beam level control does not operate	Headlight leveling switch	INFO
	Harness or connector	-
	Headlight housing sub-assembly	INFO
	Headlight leveling motor*	INFO

*: w/o Front Side Marker Light

Charge Lid Illumination (for PHEV Model)

SYMPTOM	SUSPECTED AREA	LINK
Charge lid illumination do not illuminate	Refer to the "Charge Lid Illumination Malfunction"	INFO

