

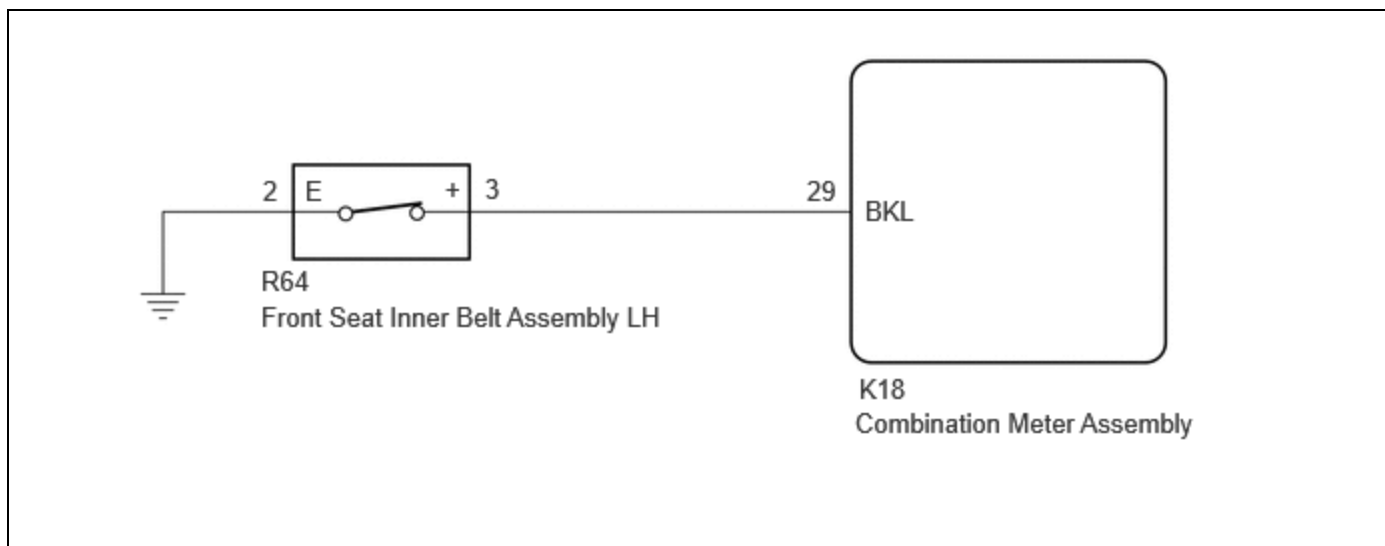
Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029LEA
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SEAT BELT: SEAT BELT WARNING SYSTEM (w/ Occupant Classification System): Driver Side Seat Belt Warning Light does not Operate; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

Driver Side Seat Belt Warning Light does not Operate

DESCRIPTION

The combination meter assembly blinks or turns off the seat belt warning light on the combination meter assembly in accordance with the state of the front seat inner belt assembly of the driver seat.

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:

- The seat belt warning system uses the CAN communication system and CXPI communication system. First, confirm that there is no malfunction in the CAN communication system and CXPI communication system. Refer to the How to Proceed with Troubleshooting procedure.

[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:

- The seat belt warning light on the combination meter assembly is used for both the driver seat and front passenger seat. Check that the operation of the seat belt warning light is normal first.

[Click here](#) **INFO**

- If the seat belt warning light does not operate for both the driver seat and front passenger seat, replace the combination meter assembly.

[Click here](#) INFO

PROCEDURE

1. PERFORM ACTIVE TEST USING GTS

(a) Perform the Active Test according to the display on the GTS.

Body Electrical > Combination Meter > Active Test

TESTER DISPLAY	MEASUREMENT ITEM	CONTROL RANGE	DIAGNOSTIC NOTE
Driver Side Seat Belt Warning	Front seat belt warning light	ON or OFF	-

OK:

The GTS display changes correctly in response to the warning light condition.

OK ▶ **REPLACE COMBINATION METER ASSEMBLY**

NG

2. READ VALUE USING GTS

(a) Read the Data List according to the display on the GTS.

Body Electrical > Combination Meter > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Driver Buckle Switch	Driver side seat belt buckle switch	Fastened or Not Fastened	Fastened: Driver seat belt buckle switch fastened Not Fastened: Driver seat belt buckle switch unfastened	-

Body Electrical > Combination Meter > Data List

TESTER DISPLAY
Driver Buckle Switch

OK:

The GTS display changes correctly in response to the driver seat belt condition.

OK ▶ **REPLACE COMBINATION METER ASSEMBLY**

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3.	INSPECT FRONT SEAT INNER BELT ASSEMBLY LH
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Click here [INFO](#)

NG ► **REPLACE FRONT SEAT INNER BELT ASSEMBLY LH**
[INFO](#)

OK
▼

4.	CHECK HARNESS AND CONNECTOR (FRONT SEAT INNER BELT ASSEMBLY LH - COMBINATION METER ASSEMBLY AND BODY GROUND)
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- (a) Disconnect the K18 combination meter assembly connector.
- (b) Measure the resistance according to the value(s) in the table below.
Standard Resistance:



[Click Location & Routing\(R64,K18\).](#)
[Click Connector\(R64\).](#)
[Click Connector\(K18\).](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
R64-3 (+) - K18-29 (BKL)	Always	Below 1 Ω
R64-3 (+) or K18-29 (BKL) - Body ground	Always	10 kΩ or higher
R64-2 (E) - Body ground	Always	Below 1 Ω

OK ► **REPLACE COMBINATION METER ASSEMBLY**

NG ► **REPAIR OR REPLACE HARNESS OR CONNECTOR**

