

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000029RBV
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> SEAT BELT: SEAT BELT WARNING SYSTEM (w/o Occupant Classification System): OPERATION CHECK; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## **OPERATION CHECK**

### **HINT:**

The seat belt warning light (in the combination meter assembly) is for both the driver seat and the passenger seat.

### **INSPECT DRIVER SEAT BELT WARNING LIGHT**

- (a) Turn the ignition switch to ON.
- (b) Check that the seat belt warning light (in the combination meter assembly) turns on with the driver seat belt unfastened and under the following conditions.
  - (1) Shift position in P.
  - (2) The parking brake is not released.
- (c) Lift the vehicle.

Click here [INFO](#)
- (d) Turn the ignition switch to ON (READY).
- (e) Check the status of the seat belt warning light (in the combination meter assembly) under the conditions below.
  - (1) Check that the seat belt warning light (in the combination meter assembly) blinks when the driver seat belt is unfastened, the shift position is not in P and the parking brake is released.
  - (2) Check that the seat belt warning light (in the combination meter assembly) blinks when the vehicle is driven at approximately 20 km/h (12 mph) or higher with the driver seat belt unfastened.

Check that after 124 seconds, the seat belt warning light (in the combination meter assembly) changes from blinking to on.
  - (3) Check that the seat belt warning light (in the combination meter assembly) changes to on when the seat belt warning light (in the combination meter assembly) is blinking, the vehicle speed is 1.75 km/h (1 mph) or less and the shift position is changed to P.
  - (4) Check that the seat belt warning light (in the combination meter assembly) changes to on when the seat belt warning light (in the combination meter assembly) is blinking, the vehicle speed is 1.75 km/h (1 mph) or less and the parking brake is not released.
  - (5) Check that the seat belt warning light (in the combination meter assembly) turns off when the driver seat belt is fastened with the seat belt warning light (in the combination meter assembly) on or blinking.

### **INSPECT FRONT PASSENGER SEAT BELT WARNING LIGHT**

### **HINT:**

The seat belt warning light on the combination meter assembly is used for both the driver seat and front passenger seat.

- (a) Turn the ignition switch to ON.
- (b) Check that the seat belt warning light (in the combination meter assembly) turns on with a passenger seated in the passenger seat, the passenger seat belt unfastened and under the following conditions.
  - (1) Change the shift position to P.
  - (2) The parking brake is not released.

- (c) Fasten the driver seat belt.
- (d) Lift the vehicle.

Click here [INFO](#)

- (e) Turn the ignition switch to ON (READY).
- (f) Place a weight of 20 kg (44.1 lb) on the front passenger seat.

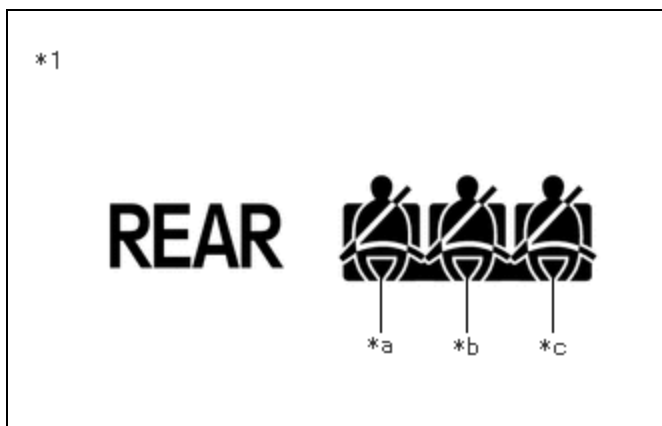
#### NOTICE:

Place the weight on the seat cushion and do not allow it to come into contact with the seatback.

- (g) Check the status of the seat belt warning light (in the combination meter assembly) under the conditions below.
  - (1) Check that the seat belt warning light (in the combination meter assembly) blinks when the passenger seat belt is unfastened, the shift position is not in P and the parking brake is released.
  - (2) Check that the seat belt warning light (in the combination meter assembly) blinks when the vehicle is driven at approximately 20 km/h (12 mph) or higher with the passenger seat belt unfastened.  
Check that after 124 seconds, the seat belt warning light (in the combination meter assembly) changes from blinking to on.
  - (3) Check that the seat belt warning light (in the combination meter assembly) changes to on when the seat belt warning light (in the combination meter assembly) is blinking, the vehicle speed is 1.75 km/h (1 mph) or less and the shift position is changed to P.
  - (4) Check that the seat belt warning light (in the combination meter assembly) changes to on when the seat belt warning light (in the combination meter assembly) is blinking, the vehicle speed is 1.75 km/h (1 mph) or less and the parking brake is not released.
  - (5) Check that the seat belt warning light (in the combination meter assembly) turns off when the passenger seat belt is fastened with the seat belt warning light (in the combination meter assembly) on or blinking.

#### INSPECT REAR SEAT BELT WARNING LIGHT

- (a) Turn the ignition switch off.



*1	Combination Meter Assembly (Rear Seat Belt Warning Light )
*a	LH
*b	Center
*c	RH

- (b) Unfasten the rear seat belt.
- (c) Turn the ignition switch to ON.


- (d) Check that the rear seat belt warning light (in the combination meter assembly) turns on.
- (e) Check that the rear seat belt warning light turns on for approximately 66 seconds and then turns off.
- (f) Fasten the rear seat belt.
- (g) With the rear seat belt warning light off, check that the rear seat belt warning light in the combination meter assembly turns on again when the rear seat belt is unfastened.

## INSPECT DRIVER SEAT BELT WARNING BUZZER

### HINT:

Using the GTS, check that the customization setting for the seat belt warning buzzer (in the combination meter assembly) is on.

[Click here](#) 


- (a) Lift the vehicle.  
[Click here](#) 
- (b) Turn the ignition switch to ON (READY).
- (c) Check that the seat belt warning buzzer (in the combination meter assembly) sounds intermittently at 1.2-second intervals for 24 seconds when the vehicle is driven at approximately 20 km/h (12 mph) or higher with the seat belt unfastened.
- (d) After the buzzer has sounded intermittently at 1.2-second intervals for 24 seconds, check that the interval changes and the buzzer sounds intermittently at 0.4-second intervals for 100 seconds.
- (e) When 124 seconds have passed after the buzzer started sounding intermittently, check that the seat belt warning buzzer (in the combination meter assembly) stops.
- (f) After the seat belt warning buzzer (in the combination meter assembly) stops, check that the buzzer once again sounds intermittently when the seat belt is fastened and then unfastened again, and then the vehicle is driven at approximately 20 km/h (12 mph) or higher.
- (g) Check that the seat belt warning buzzer (in the combination meter assembly) stops when the shift position is changed to R while the seat belt warning buzzer (in the combination meter assembly) is sounding.  
Check that the buzzer once again sounds intermittently when the shift position is changed to D again and the vehicle is driven at approximately 10 km/h (6 mph) or higher with the seat belt unfastened.

## INSPECT FRONT PASSENGER SEAT BELT WARNING BUZZER

### HINT:

Using the GTS, check that the customization setting for the seat belt warning buzzer (in the combination meter assembly) is on.

[Click here](#) 

- (a) Lift the vehicle.  
[Click here](#) 
- (b) Fasten the driver seat belt.
- (c) Turn the ignition switch to ON (READY).
- (d) Place a weight of 20 kg (44.1 lb) on the front passenger seat.

### NOTICE:

Place the weight on the seat cushion and do not allow it to come into contact with the seatback.

- (e) Check that the seat belt warning buzzer (in the combination meter assembly) sounds intermittently at 1.2-second intervals for 24 seconds when the vehicle is driven at approximately 20 km/h (12 mph) or higher with the seat belt unfastened.

- (f) After the buzzer has sounded intermittently at 1.2-second intervals for 24 seconds, check that the interval changes and the buzzer sounds intermittently at 0.4-second intervals for 100 seconds.
- (g) When 124 seconds have passed after the buzzer started sounding intermittently, check that the seat belt warning buzzer (in the combination meter assembly) stops.
- (h) After the seat belt warning buzzer (in the combination meter assembly) stops, check that the buzzer once again sounds intermittently when the seat belt is fastened and then unfastened again, and then the vehicle is driven at approximately 20 km/h (12 mph) or higher.
- (i) Check that the seat belt warning buzzer (in the combination meter assembly) stops when the shift position is changed to R while the seat belt warning buzzer (in the combination meter assembly) is sounding.

Check that the buzzer once again sounds intermittently when the shift position is changed to D again and the vehicle is driven at approximately 10 km/h (6 mph) or higher with the seat belt unfastened.

## INSPECT REAR SEAT BELT WARNING BUZZER

### HINT:

The seat belt warning buzzer can be customized. Make sure that this function is ON.

[Click here](#) 

- (a) Lift up the vehicle.

[Click here](#) 

- (b) Fasten the driver seat belt.
- (c) Turn the ignition switch to ON (READY).
- (d) Ensure that the rear seat belt is fastened, and then unfasten it.
- (e) Check that the seat belt warning buzzer (in the combination meter assembly) sounds once when the rear seat belt is fastened and then unfastened, and then the vehicle is driven at approximately 20 km/h (12 mph) or higher.
- (f) After the buzzer sounds once, check that the seat belt warning buzzer (in the combination meter assembly) sounds intermittently at 1.2-second intervals for 6 seconds.
- (g) After the buzzer has sounded intermittently at 1.2-second intervals for 6 seconds, check that the interval changes and the buzzer sounds intermittently at 0.4-second intervals for 66 seconds.
- (h) When 66 seconds have passed after the buzzer started sounding intermittently, check that the seat belt warning buzzer (in the combination meter assembly) stops.
- (i) After the seat belt warning buzzer (in the combination meter assembly) stops, check that the buzzer sounds once and then once again sounds intermittently when the vehicle is driven at approximately 20 km/h (12 mph) or higher with the rear seat belt unfastened.
- (j) Check that the seat belt warning buzzer (in the combination meter assembly) stops when the shift position is changed to R while the seat belt warning buzzer (in the combination meter assembly) is sounding.

Check that the buzzer once again sounds intermittently when the shift position is changed to D again and the vehicle is driven at approximately 10 km/h (6 mph) or higher with the rear seat belt unfastened.

