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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> METER / GAUGE / DISPLAY: METER / GAUGE SYSTEM: OPERATION CHECK; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## OPERATION CHECK

### CHECK WARNING AND INDICATOR LIGHT ILLUMINATION

#### (a) Initial Check

- (1) Turn the ignition switch off.
- (2) Turn the ignition switch to ON (IG) or ON (READY).
- (3) Check the operation of the following warning and indicator lights.

- MIL (Check engine warning light)
- Brake warning light/red (malfunction)
- Brake warning light/yellow (minor malfunction)
- ABS warning light
- Brake hold operated indicator light
- Brake hold standby indicator light
- Slip indicator light
- VSC OFF indicator light
- EPS warning light
- PKSB OFF indicator light

(w/ Parking Support Brake System)

- PCS warning light
- Driving assist information indicator light
- SRS warning light

OK:

VEHICLE CONDITION	WARNING/INDICATOR LIGHTS CONDITION
Ignition switch off → ignition switch ON (IG) → ignition switch ON (READY)	Illuminates and turns off in either of the following patterns depending on the specification: <ul style="list-style-type: none"> <li>• Illuminates when the ignition switch is turned to ON (IG), and turns off after a certain amount of seconds has elapsed*</li> <li>• Illuminates when the ignition switch is turned to ON (IG), and turns off when the ignition switch is turned to ON (READY)</li> </ul>
Ignition switch off → ignition switch ON (READY)	Illuminates when the ignition switch is turned to ON (READY), and turns off after a certain amount of seconds has elapsed*
*: The amount of seconds until turning off differs depending on each indicator or warning light.	

### CHECK SPEEDOMETER

#### NOTICE:

- If the tire size or tire inflation pressure is not within the specified range, or the tires are excessively worn, the speedometer indication error will increase. Therefore, make sure to perform this inspection after checking that the tire size, tire inflation pressure and tire wear are in the specified range.
- When the electronically controlled brake system is malfunctioning, an accurate vehicle speed signal may not be able to be obtained. Therefore, make sure to confirm that the electronically controlled brake system is not malfunctioning before performing this procedure.

**HINT:**

The indicated value of the speedometer has an allowable range. Therefore, even when the combination meter assembly is not malfunctioning, the actual vehicle speed and the indicated value speed may not match.

- (a) Read the vehicle speed of the Data List item of the electronically controlled brake system and compare the indicated values of the speedometer with the following table.

**for Speedometer Unit km/h Type (except 2ZR-FXE)**

DATA LIST: VEHICLE SPEED VALUE (KM/H)	ACCEPTABLE RANGE (KM/H)
20	20.0 to 22.0
40	40.0 to 42.0
60	61.0 to 63.0
80	81.0 to 83.0
100	102.0 to 104.0
120	122.0 to 124.0
140	143.0 to 145.0
160	163.0 to 165.0
180	184.0 to 186.0
200	204.0 to 206.0
220	222.6 to 227.6
240	243.0 to 248.0
260	263.5 to 268.5

**for Speedometer Unit MPH Type (except 2ZR-FXE)**

DATA LIST: VEHICLE SPEED VALUE (MPH)	ACCEPTABLE RANGE (MPH)
20	20.0 to 22.0
40	40.0 to 42.0
60	61.0 to 63.0
80	81.0 to 83.0
100	102.0 to 104.0
120	122.0 to 124.0
140	143.0 to 145.0
160	163.0 to 165.0
180	184.0 to 186.0

**for Speedometer Unit km/h Type (for 2ZR-FXE)**

DATA LIST: VEHICLE SPEED VALUE (KM/H)	ACCEPTABLE RANGE (KM/H)
20	21.0 to 23.0
40	42.0 to 44.0

DATA LIST: VEHICLE SPEED VALUE (KM/H)	ACCEPTABLE RANGE (KM/H)
60	63.0 to 65.0
80	84.0 to 86.0
100	104.0 to 106.0
120	125.0 to 127.0
140	146.0 to 148.0
160	167.0 to 169.0
180	187.0 to 189.0
200	208.0 to 210.0
220	229.0 to 236.0
240	249.0 to 257.0
260	270.0 to 278.0

**for Speedometer Unit MPH Type (for 2ZR-FXE)**

DATA LIST: VEHICLE SPEED VALUE (MPH)	ACCEPTABLE RANGE (MPH)
20	21.0 to 23.0
40	42.0 to 44.0
60	63.0 to 65.0
80	83.0 to 85.0
100	104.0 to 106.0
120	125.0 to 127.0
140	146.0 to 148.0
160	166.0 to 168.0
180	187.0 to 189.0

OK:

Speedometer reading is within the acceptable range at each vehicle speed.

