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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SEAT BELT: SEAT BELT WARNING SYSTEM (w/ Occupant Classification System): DATA LIST / ACTIVE TEST; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DATA LIST / ACTIVE TEST

DATA LIST

NOTICE:

In the following table, the values listed under "Normal Condition" are reference values. Do not depend solely on these reference values when deciding whether a part is faulty or not.

HINT:

Using the GTS to read the Data List allows the values or states of switches, sensors, actuators and other items to be read without removing any parts. This non-intrusive inspection can be very useful because intermittent conditions or signals may be discovered before parts or wiring is disturbed. Reading the Data List information early in troubleshooting is one way to save diagnostic time.

(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 seat belt buckle switch	Fastened or Not Fastened	Fastened: Driver seat belt buckle switch fastened Not Fastened: Driver seat belt buckle switch unfastened	-
Driver Seatbelt Warning Buzzer Function	Driver seat belt warning buzzer	OFF or ON	Customize setting displayed	-
Passenger Seatbelt Warning Buzzer Function	Front passenger seat belt warning buzzer	OFF or ON	Customize setting displayed	-
Rear Right Seatbelt Warning Buzzer Function	Rear RH seat belt warning buzzer	OFF or ON	Customize setting displayed	-
Rear Left Seatbelt Warning Buzzer Function	Rear LH seat belt warning buzzer	OFF or ON	Customize setting displayed	-
Rear Center Seatbelt Warning Buzzer Function	Rear center seat belt warning buzzer	OFF or ON	Customize setting displayed	-

Body Electrical > Power Distribution Box > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Passenger Seat Buckle Switch Status	Front passenger seat belt buckle switch	Set, Unset or Unknown	Set: Front passenger seat belt buckle switch fastened Unset: Front passenger seat belt buckle switch unfastened Unknown: Data is not determined	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Passenger Seat Occupant Sensor Status	Front passenger occupant detection sensor	OFF, ON or Unknown	OFF: Front passenger seat not occupied ON: Front passenger seat occupied Unknown: Data is not determined	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Rear Seat RH Buckle Switch Status	Rear RH seat belt buckle switch	Set, Unset or Unknown	Set: Rear RH seat belt buckle switch fastened Unset: Rear RH seat belt buckle switch unfastened Unknown: Data is not determined	-
Rear Seat Center Buckle Switch Status	Rear center seat belt buckle switch	Set, Unset or Unknown	Set: Rear center seat belt buckle switch fastened Unset: Rear center seat belt buckle switch unfastened Unknown: Data is not determined	-
Rear Seat LH Buckle Switch Status	Rear LH seat belt buckle switch	Set, Unset or Unknown	Set: Rear LH seat belt buckle switch fastened Unset: Rear LH seat belt buckle switch unfastened Unknown: Data is not determined	-

Body Electrical > Main Body > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
RR Door Courtesy Switch Status	Rear door courtesy light switch RH	Close or Open	Close: Rear door RH closed Open: Rear door RH open	-
RL Door Courtesy Switch Status	Rear door courtesy light switch LH	Close or Open	Close: Rear door LH closed Open: Rear door LH open	-

Body Electrical > SRS Airbag > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Driver Seat Buckle Switch Status	Driver seat belt buckle switch	Unknown, Unbuckle, Buckle, Malfunction	Unknown: Data is not determined Unbuckle: Driver seat belt buckle switch unfastened Buckle: Driver seat belt buckle switch fastened Malfunction: Driver seat belt buckle switch is malfunctioning	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Passenger Seat Buckle Switch Status	Passenger seat belt buckle switch	Unknown, Unbuckle, Buckle, Malfunction	Unknown: Data is not determined Unbuckle: Front passenger seat belt buckle switch unfastened Buckle: Front passenger seat belt buckle switch fastened Malfunction: Front passenger seat belt buckle switch is malfunctioning	-

ACTIVE TEST

HINT:

Using the GTS to perform Active Tests allows relays, VSVs, actuators and other items to be operated without removing any parts. This non-intrusive functional inspection can be very useful because intermittent operation may be discovered before parts or wiring is disturbed. Performing Active Tests early in troubleshooting is one way to save diagnostic time. Data List information can be displayed while performing Active Tests.

(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	Driver seat belt warning light	OFF or ON	-
Rear Seat Belt Warning	Rear seat belt warning light	OFF or ON	-