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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: ACOUSTIC VEHICLE ALERTING SYSTEM: ACOUSTIC VEHICLE ALERTING SYSTEM: DATA LIST / ACTIVE TEST; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DATA LIST / ACTIVE TEST

DATA LIST

NOTICE:

In the table below, 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 > Acoustic Vehicle Alerting System > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Total Distance Traveled	Total distance traveled	Min.: 0 Max.: 16777215	-	Although this item is displayed on the GTS, it is not applicable to this vehicle.
Total Distance Traveled - Unit	Unit for total distance traveled	-, km or mile	-	Although this item is displayed on the GTS, it is not applicable to this vehicle.
Engine Mode	Engine condition	Stopped, Move to Stopping, Starting or Running	-	-
Shift Switch Status	Shift state	P Range, R Range, N Range, D Range or B Range	-	-
Estimated Vehicle Speed	Estimated vehicle speed	0 to 655 km/h	-	-
Stop Light SW	Stop light switch signal	OFF or ON	OFF: Brake pedal released ON: Brake pedal depressed	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
IGP	Status of IGR signal	OFF or ON	OFF: IGP off ON: IGP on	-
Ready Indicator	Ready indicator status	Light OFF, Blinking or Light ON	-	-
Door Lock Answerback Sound Setting	Status of door lock answerback sound setting	Normal Sound or Other Sound	-	The display varies depending on the vehicle specifications.

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 > Acoustic Vehicle Alerting System > Active Test

TESTER DISPLAY	MEASUREMENT ITEM	CONTROL RANGE	DIAGNOSTIC NOTE
Proximity Sound (Vehicle Stationary)	0 km/h (0 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (5km/h,3MPH)	5 km/h (3 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (10km/h,6MPH)	10 km/h (6 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (15km/h,9MPH)	15 km/h (9 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (20km/h,12MPH)	20 km/h (12 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (30km/h,18MPH)	30 km/h (18 mph) vehicle proximity warning sound	OFF or ON	-
Proximity Sound (Reverse 6km/h,3.6MPH)	6 km/h (4 mph) reversing vehicle proximity warning sound	OFF or ON	-

