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

DATA LIST / ACTIVE TEST

DATA LIST

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.

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.

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

Body Electrical > Main Body > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Communication D-Door Motor	Connection status between power window regulator motor assembly LH (driver door) and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	DTC is output if an error occurs in LIN communication.
Communication P-Door Motor	Connection status between power window regulator motor assembly RH (front passenger door) and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	DTC is output if an error occurs in LIN communication.
Communication RR-Door Motor	Connection status between power window regulator motor assembly RH (rear RH door) and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	DTC is output if an error occurs in LIN communication.
Communication RL-Door Motor	Connection status between power window regulator motor assembly LH (rear LH door) and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	DTC is output if an error occurs in LIN communication.

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Communication Intrusion Sensor 1	Connection status between map light assembly and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> Not applicable Although the item is displayed on the GTS, it is not applicable to this vehicle.
Communication Intrusion Sensor 2	Connection status between map light assembly and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> Not applicable Although the item is displayed on the GTS, it is not applicable to this vehicle.
Communication Sunshade ECU	Connection status between roof sunshade ECU and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> Not applicable Although the item is displayed on the GTS, it is not applicable to this vehicle.
Communication Slide Roof	Connection status between sliding roof ECU and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> Not applicable Although the item is displayed on the GTS, it is not applicable to this vehicle.
Communication Humidity/Rain Sensor	Connection status between rain sensor and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> w/ Auto Wiper System DTC is output if an error occurs in LIN communication.
Communication Double Locking	Connection status between double lock door control relay assembly and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	<ul style="list-style-type: none"> Not applicable Although the item is displayed on the GTS, it is not applicable to this vehicle.
Communication Master Switch	Connection status between multiplex network master switch assembly and main body ECU (multiplex network body ECU)	STOP or OK	STOP: Not Connected OK: Connected	DTC is output if an error occurs in LIN communication.

