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

SYSTEM DESCRIPTION

LIN COMMUNICATION SYSTEM DESCRIPTION

The LIN communication system is used for communication between the components in the tables below. If communication cannot be performed through LIN communication such as when there is an open or short in a communication line, the master control ECU of the relevant system will store a DTC. Refer to the table below about the communication bus lines and connected components.

HINT:

- Each component has a fail-safe function which operates in the event of a malfunction to protect the system and allow communication between other components to continue.
- In the following table, "o" indicates that the function applies, and "-" indicates that it does not.

Door Bus Lines

COMPONENT	MASTER CONTROL	LIN COMMUNICATION DTC OUTPUT FUNCTION
Main Body ECU (Multiplex Network Body ECU)	o	o
Power Window Regulator Motor Assembly LH (Driver Door)	-	-
Power Window Regulator Motor Assembly RH (Front Passenger Door)	-	-
Power Window Regulator Motor Assembly LH (Rear LH Door)	-	-
Power Window Regulator Motor Assembly RH (Rear RH Door)	-	-
Multiplex Network Master Switch Assembly	-	-

Certification Bus Lines

COMPONENT	MASTER CONTROL	LIN COMMUNICATION DTC OUTPUT FUNCTION
Certification ECU (Smart Key ECU Assembly)	o	o
ID Code Box (Immobiliser Code ECU)	-	-

Sensor Bus Lines (w/ Auto Wiper System)

COMPONENT	MASTER CONTROL	LIN COMMUNICATION DTC OUTPUT FUNCTION
Main Body ECU (Multiplex Network Body ECU)	o	o
Rain Sensor	-	-

