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Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [12/2022 -]
Title: THEFT DETERRENT / KEYLESS ENTRY: DIGITAL KEY SYSTEM: DATA LIST / ACTIVE TEST; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DATA LIST / ACTIVE TEST

DATA LIST

NOTICE:

When using the GTS with the ignition switch off, perform lock and unlock operations using the door control switch of the multiplex network master switch assembly at intervals of 1.5 seconds or less until communication between the GTS and the vehicle begins, and then select the vehicle model manually.

Then select Model Code "KEY REGIST" under manual mode and enter the following menus: Body Electrical / Smart Access. While using the GTS, periodically perform lock and unlock operations using the door control switch of the multiplex network master switch assembly at intervals of 1.5 seconds or less to maintain communication between the GTS and the vehicle.

(a) Connect the GTS to the DLC3.

(b) Turn the ignition switch to ON.

(c) Turn the GTS on.

(d) Enter the following menus: Body Electrical / Smart Key / Data List.

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

Body Electrical > Smart Key > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Digital Key Registration/Erasure Status	Displays digital key registration or clearance status	Normal or Waiting	Normal: Registration or clearance not in progress Waiting: Registration or clearance in progress	-
Digital Key Registration/Erasure Error	Displays whether an error was detected during digital key registration or clearance	OFF or ON	OFF: No error detected ON: Error detected	-
D Code Registration Status	Displays completion of D code* registration on digital key ECU assembly	Normal or Finished	Normal: No registration operation Finished: Registration completed	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
D Code Registration Error	Displays whether an error was detected during D code* registration in the digital key ECU assembly	OFF or ON	OFF: No error detected ON: Error detected	-
Digital Key Wireless Request	Displays the operation contents when wireless operation is performed via digital key	None, Panic, Lock, Unlock, Trunk, PBW, PSD RH, PSD LH, PBD, or Pre A/C	None: No wireless operation Panic: Panic switch pushed Lock: Lock switch pushed Unlock: Unlock switch pushed Trunk: Luggage opener switch pushed PBW: Power back door window switch pushed PSD RH: Power slide door RH switch pushed PSD LH: Power slide door LH switch pushed PBD: Power back door switch pushed Pre A/C: Pre A/C switch pushed	-
Wireless Request Digital Key ID	Displays the digital key ID of the wireless operation	Guest2, Owner, Guest1(User1), Guest1(User2), Guest1(User3), Guest1(User4), Guest1(User5) or Guest1(User6)	Guest2: Share key 7 - 14 Owner: Owner key Guest1(User1): Share key 1 Guest1(User2): Share key 2 Guest1(User3): Share key 3 Guest1(User4): Share key 4 Guest1(User5): Share key 5 Guest1(User6): Share key 6	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Digital Key Collation Status	Displays the verification result between the BLE connected digital key and vehicle	None, OK, NG or Collating	None: Not connected to BLE OK: Verification completed NG: Verification could not complete Collating: Verification in progress	-
Factor that cannot Collate Digital Key	Displays the reason when the verification result between the BLE connected digital key and vehicle could not complete	None(Collation OK), Boundary Area, Key in Vehicle, No Motion, Response NG, Invalid key, Not Connected, Out of Area, Error or Lost Crypton Token	None(Collation OK): Verification completed Boundary Area: Digital key verification was performed outside operating range Key in Vehicle: Digital key detected in vehicle No Motion: Verification was performed when digital key was not detecting movement Response NG: Signal from digital key could not be received correctly due to noise, etc. Invalid key: Verification was performed when the digital key was invalid Not Connected: Digital key not connected by BLE connection Out of Area: Digital key verification was performed outside operating range Error: Digital key system malfunction Lost Crypton Token: Verification	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
			of digital key was performed with no tokens	
Digital Key ID 1 Collating Status	BLE connection status of digital key 1	None or OK	None: Not connected OK: Connected	-
Digital Key ID 2 Collating Status	BLE connection status of digital key 2	None or OK	None: Not connected OK: Connected	-
Digital Key ID 3 Collating Status	BLE connection status of digital key 3	None or OK	None: Not connected OK: Connected	-
Digital Key ID 4 Collating Status	BLE connection status of digital key 4	None or OK	None: Not connected OK: Connected	-
Digital Key ID 5 Collating Status	BLE connection status of digital key 5	None or OK	None: Not connected OK: Connected	-
Digital Key ID 6 Collating Status	BLE connection status of digital key 6	None or OK	None: Not connected OK: Connected	-
Digital Key ID 7 Collating Status	BLE connection status of digital key 7	None or OK	None: Not connected OK: Connected	-
Digital Key Request Pattern	Request type from digital key	None, D Door Lock, P Door Lock, D Rear Door Lock, P Rear Door Lock, BD Lock, In vehicle, In Trunk, All Key ID, PBD Close&Lock, D Door Unlock, P Door Unlock, D Rear Door Unlock, P Rear Door Unlock, BD Unlock, EG/Ready Start, In-lock Prevention 30s, In-lock Prevention Trunk or In-lock Prevention	None: No requested operation from digital key D Door Lock: Driver door lock request P Door Lock: Front passenger door lock request D Rear Door Lock: Rear door (driver seat side) lock request	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
			P Rear Door Lock: Rear door (front passenger seat side) lock request BD Lock: Back door lock request In vehicle: Interior verification request In Trunk: Verification request in luggage compartment All Key ID: Request to acquire all digital key IDs for which vehicle interior verification has been completed PBD Close&Lock: Power back door close and lock request D Door Unlock: Driver door unlock request P Door Unlock: Front passenger door unlock request D Rear Door Unlock: Rear door (driver seat side) unlock request P Rear Door Unlock: Rear door (front passenger seat side) unlock request BD Unlock: Back door unlock request EG/Ready Start: Hybrid control system start request In-lock Prevention 30s: Lock out prevention 30 seconds request In-lock Prevention Trunk: Luggage compartment close request	

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
			In-lock Prevention: Lock out prevention request	
Digital Key ID 1 Plus Support Status	Displays status of digital key 1 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 2 Plus Support Status	Displays status of digital key 2 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 3 Plus Support Status	Displays status of digital key 3 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 4 Plus Support Status	Displays status of digital key 4 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 5 Plus Support Status	Displays status of digital key 5 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 6 Plus Support Status	Displays status of digital key 6 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key ID 7 Plus Support Status	Displays status of digital key 7 plus support key settings	-	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Number of Connecting Digital keys	Displays number of digital keys connected to BLE	0, 1, 2, 3, 4 or Over 5	0: No digital keys connected to BLE 1: 1 detected 2: 2 detected 3: 3 detected 4: 4 detected Over 5: 5 or more detected	-
Owner's Digital Key Registration Status	Registration status of owner key	Not Registered or Registered	Not Registered: Not registered Registered: Registered	
BLE Serial No.1	Displays the No. 1 serial number of the digital key ECU assembly	-	-	-
BLE Serial No.2	Displays the No. 2 serial number of the digital key ECU assembly	-	-	-
BLE Serial No.3	Displays the No. 3 serial number of the digital key ECU assembly	-	-	-
BLE Serial No.4	Displays the No. 4 serial number of the digital key ECU assembly	-	-	-
Digital Key's Antenna (LIN1) Status	Displays the connection status between the digital key and the driver seat exterior BLE antenna	Not Connected or Connected	Not Connected: Not connected Connected: Connected	-
Digital Key's Antenna (LIN2) Status	Displays the connection status between the digital key and the front passenger seat	Not Connected or Connected	Not Connected: Not connected Connected: Connected	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
	exterior BLE antenna			
Digital Key's Antenna (LIN3) Status	Displays the connection status between the digital key and the luggage compartment exterior BLE antenna	Not Connected or Connected	Not Connected: Not connected Connected: Connected	-
Digital Key's Antenna (LIN4) Status	Displays the connection status between the digital key and the front seat interior BLE antenna	Not Connected or Connected	Not Connected: Not connected Connected: Connected	-
Digital Key's Antenna (LIN5) Status	Displays the connection status between the digital key and the rear seat interior BLE antenna	Not Connected or Connected	Not Connected: Not connected Connected: Connected	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Digital Key's Antenna (LIN6) Status	Displays the connection status between the digital key and the luggage compartment interior BLE antenna	Not Connected or Connected	Not Connected: Not connected Connected: Connected	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Number of Registered Key Codes (BLE)	Displays the number of registered digital keys	0, 1, 2, 3, 4, 5, 6 or 7	Number of registered digital keys	-
Factor that cannot Register Digital Key	Displays the reason when owner key registration failed	None, BLE Not Connected, Message Error, Write Error(Reg), Write Error(Res) or Reset Error	None: No registration operation BLE Not Connected: BLE connection could not be established Message Error: Message could not be received correctly	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
			Write Error(Reg): Digital key/D code could not be written correctly Write Error(Res): D code could not be cleared correctly Reset Error: Digital key could not be cleared correctly	
LIN1 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the driver seat exterior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	-
LIN2 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the front passenger seat exterior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	-
LIN3 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the luggage compartment exterior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	-
LIN4 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the front seat interior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	-
LIN5 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the rear seat interior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	Although the item is displayed on the GTS, it is not applicable to this vehicle.

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
LIN6 Antenna Error (DS code Registration)	Displays whether an error was detected during DS code registration in the luggage compartment interior BLE antenna	Normal or Error	Normal: No error detected Error: Error detected	Although the item is displayed on the GTS, it is not applicable to this vehicle.
Auto Entry Function by Digital Key	Displays the digital key system ON/OFF setting	Enable or Disable	Customize setting displayed	-

*: Verification code between certification ECU (smart key ECU assembly) and digital key ECU assembly