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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PA10/PB10/PB12 (HYBRID TRANSMISSION / TRANSAXLE): ELECTRONIC SHIFT LEVER SYSTEM: DIAGNOSTIC TROUBLE CODE CHART; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DIAGNOSTIC TROUBLE CODE CHART

Electronic Shift Lever System

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P085011	Park/Neutral Switch Circuit Short to Ground	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P0851	INFO
P085015	Park/Neutral Switch Circuit Short to Auxiliary Battery or Open	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P0852	INFO
P085D04	Gear Shift Control Module "A" System Internal Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P085D	INFO
P085D94	Gear Shift Control Module "A" Unexpected Operation	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	B	SAE: P085D	INFO
P08A662	Gear Lever Position Sensor Signal Compare Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P08A6	INFO
P09142B	Gear Shift Position Circuit "A" Range/Performance Signal Cross Coupled	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P0915	INFO
P175231	Fail Safe Signal (Gear Shift Control Module "B" to "A") No Signal	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1752	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P175387	Lost Communication with Gear Shift Control Module "B" (Local-CAN) Missing Message	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1753	INFO
P1761A2	Gear Shift Control Module "A" System Voltage Low	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1763	INFO
P1765A2	Sub Battery Module System Voltage Low	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1767	INFO
P176900	Gear Shift Control Module "A" A/D Processing Performance	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1769	INFO
P176D12	IG2 Signal (Gear Shift Control Module "A") Circuit Short to Auxiliary Battery	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P176F	INFO
P1771A2	Gear Shift Control Module "B" System Voltage Low	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1773	INFO
P1775A2	Sub Battery Module (Gear Shift Control Module "B") System Voltage Low	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1777	INFO
P177949	Gear Shift Control Module Backup Power Supply Internal Electronic Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1779	INFO
P177996	Gear Shift Control Module Backup Power Supply Component Internal Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1779	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P177A87	Lost Communication with Gear Shift Control Module Backup Power Supply Missing Message	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P177A	INFO
P178987	Lost Communication with Gear Shift Control Module "A" from "B" Missing Message	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1789	INFO
P178A14	Gear Shift Control Module "B" Wake-up Circuit Short to Ground or Open	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P178B	INFO
P179014	Gear Shift Actuator "A" Supply Voltage "A" Circuit Short to Ground or Open	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1791	INFO
P179314	Gear Shift Actuator "A" Supply Voltage "B" Circuit Short to Ground or Open	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P1794	INFO
P179C49	Gear Shift Actuator "A" Control Circuit Internal Electronic Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P179C	INFO
P179E00	Gear Shift Actuator "A" Performance	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	B	SAE: P179E	INFO
P18A762	Gear Shift Control Module "A"/"B" IGCT Signal Compare Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18A7	INFO
P18A862	Gear Shift Control Module "A"/"B" IGCT-Scene Signal Compare Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18A8	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P18AF12	Gear Shift Control Module "B" EPBT Circuit Short to Battery	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18B1	INFO
P18B200	Gear Shift Control Module "B" Motor Angle Sensor "A" Performance	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18B2	INFO
P18B31C	Gear Shift Control Module "B" Motor Temperature Sensor "A" Circuit Voltage Out of Range	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18B4	INFO
P18B562	Gear Shift Actuator "A" Phase U-V-W Current Sensor Signal Compare Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P18B5	INFO
P2E0064	Gear Lever Position Sensor "A" Signal Plausibility Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P2E01	INFO
P2E0464	Gear Lever Position Sensor "B" Signal Plausibility Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P2E05	INFO
P2E0864	Gear Lever Position Sensor "C" Signal Plausibility Failure	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	A	SAE: P2E09	INFO
U014000	Lost Communication with Body Control Module (Sub) Missing Message	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	B	SAE: U0140	INFO
U015586	Lost Communication with Instrument Panel Cluster (IPC) Control Module Signal (some circuit	Does not come on	Multi-information Display Error Message • Displayed	Hybrid Control	B	SAE: U0155	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
	quantity, reported via serial data) Invalid						
U029100	Lost Communication with Gear Shift Control Module "B" (System 2) Missing Message	Does not come on	Multi-information Display Error Message <ul style="list-style-type: none">• Displayed	Hybrid Control	B	SAE: U0291	INFO
U029300	Lost Communication with Hybrid/EV Powertrain Control Module from Gear Shift Control Module "A"	Does not come on	Multi-information Display Error Message <ul style="list-style-type: none">• Displayed	Hybrid Control	B	SAE: U0293	INFO
U110700	Lost Communication with Power Management Module (Gear Shift Control Module "A")	Does not come on	Multi-information Display Error Message <ul style="list-style-type: none">• Displayed	Hybrid Control	B	SAE: U1107	INFO
U114F00	Lost Communication with Power Integration Module (System 2) Missing Message	Does not come on	Multi-information Display Error Message <ul style="list-style-type: none">• Displayed	Hybrid Control	B	SAE: U114F	INFO
U117000	Lost Communication with Brake System Control Module (Gear Shift Control Module "A")	Does not come on	Multi-information Display Error Message <ul style="list-style-type: none">• Displayed	Hybrid Control	B	SAE: U1170	INFO

