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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: HYBRID / BATTERY CONTROL: HYBRID CONTROL SYSTEM (for M20A-FXS): DEFINITION OF TERMS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DEFINITION OF TERMS

TERM	DEFINITION
Monitor Description	Description of what the hybrid vehicle control ECU monitors and how to detect malfunctions (monitoring purpose and its details).
Related DTCs	A group of diagnostic trouble codes that are output by the hybrid vehicle control ECU based on the same malfunction detection logic.
Typical Enabling Conditions	Preconditions that allow the hybrid vehicle control ECU to detect malfunctions. With all preconditions satisfied, the hybrid vehicle control ECU stores DTCs when the monitored value(s) exceeds malfunction threshold(s).
Sequence of Operation	Order of monitor priority, applied if multiple sensors and components are involved in a single malfunction detection process. Each sensor and component are monitored in turn and subsequent items are not monitored until the previous detection operation completes.
Required Sensors/Components	Sensors and components used by the hybrid vehicle control ECU to detect each malfunction.
Frequency of Operation	Number of times the hybrid vehicle control ECU checks for each malfunction during each driving cycle. "Once per driving cycle" means that the hybrid vehicle control ECU only checks for malfunctions once during a single driving cycle. "Continuous" means that the hybrid vehicle control ECU checks for malfunctions whenever enabling conditions are met.
Duration	Minimum time for which the hybrid vehicle control ECU must detect continuous deviation in monitored value(s) in order to store a DTC. Timing begins when typical enabling conditions are met.
Malfunction Thresholds	Value beyond which the hybrid vehicle control ECU determines malfunctions exist and stores DTCs.
MIL Operation	Timing of MIL illumination after a malfunction is detected. "Immediate" means that the hybrid vehicle control ECU illuminates the MIL as soon as a malfunction is detected. "2 driving cycles" means that the hybrid vehicle control ECU illuminates the MIL if the same malfunction is detected again during the next driving cycle.