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| **Title:** HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM (for PHEV Model): DEFINITION OF TERMS; 2023 - 2024 MY Prius Prime [03/2023 - ] | | |

# DEFINITION OF TERMS

| TERM | DEFINITION |
|---|---|
| Monitor Description | Description of what the battery ECU assembly monitors and how to detects malfunctions (monitoring purpose and its details). |
| Related DTCs | A group of diagnostic trouble codes that are output by the battery ECU assembly based on the same malfunction detection logic. |
| Typical Enabling Conditions | Preconditions that allow the battery ECU assembly to detect malfunctions.<br>With all preconditions satisfied, the battery ECU assembly 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.<br>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 battery ECU assembly to detect each malfunction. |
| Frequency of Operation | Number of times the battery ECU assembly checks for each malfunction during each driving cycle.<br>"Once per driving cycle" means that the battery ECU assembly only checks for malfunctions once during a single driving cycle.<br>"Continuous" means that the battery ECU assembly checks for malfunctions whenever enabling conditions are met. |
| Duration | Minimum time for which the battery ECU assembly 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 battery ECU assembly determines malfunctions exist and stores DTCs. |
| MIL Operation | Timing of MIL illumination after a malfunction is detected.<br>"Immediate" means that the battery ECU assembly illuminates the MIL as soon as a malfunction is detected.<br>"2 driving cycles" means that the battery ECU assembly illuminates the MIL if the same malfunction is detected again during the next driving cycle. |