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Model Year: 2010	Model: Prius	Doc ID: RM000000OER01IX
Title: HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM: DIAGNOSTIC TROUBLE CODE CHART (2010 Prius)		

DIAGNOSTIC TROUBLE CODE CHART

Hybrid Battery System

DTC CODE	DETECTION ITEM	TROUBLE AREA	MIL	SEE PAGE
P0A7F-123	Hybrid Battery Pack Deterioration	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P0A80-123	Replace Hybrid Battery Pack	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P0A82-123	Hybrid Battery Pack Cooling Fan 1	1. Battery cooling blower assembly 2. Battery smart unit 3. Power management control ECU 4. HV battery intake duct 5. Wire harness or connector	-	INFO
P0A84-123	Hybrid Battery Pack Cooling Fan 1	1. Wire harness or connector 2. Integration relay 3. Battery cooling blower assembly 4. Battery smart unit 5. Power management control ECU	-	INFO
P0A85-123	Hybrid Battery Pack Cooling Fan 1	1. Wire harness or connector 2. Battery cooling blower assembly 3. Battery smart unit 4. HV battery assembly	-	INFO
P0A95-123	High Voltage Fuse	1. Service plug grip 2. HV battery assembly	-	INFO
P0A9C-123	Hybrid Battery Temperature Sensor "A" Range / Performance	1. HV battery assembly 2. Battery smart unit	Comes on	INFO

		3. Wire harness or connector		
P0A9D-123	Hybrid Battery Temperature Sensor "A" Circuit Low	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0A9E-123	Hybrid Battery Temperature Sensor "A" Circuit High	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0AAE-123	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	-	INFO
P0AAF-123	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	-	INFO
P0ABF-123	Hybrid Battery Pack Current Sensor Circuit	1. Hybrid battery junction block 2. Battery smart unit 3. Wire harness or connector	Comes on	INFO
P0AC0-123	Hybrid Battery Pack Current Sensor Circuit Range / Performance	1. Hybrid battery junction block 2. Battery smart unit	Comes on	INFO
P0AC1-123	Hybrid Battery Pack Current Sensor Circuit Low	1. Hybrid battery junction block 2. Battery smart unit 3. Wire harness or connector	Comes on	INFO
P0AC2-123	Hybrid Battery Pack Current Sensor Circuit High	1. Hybrid battery junction block 2. Battery smart unit	Comes on	INFO

		3. Wire harness or connector		
P0AC6-123	Hybrid Battery Temperature Sensor "B" Range / Performance	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector	Comes on	INFO
P0AC7-123	Hybrid Battery Temperature Sensor "B" Circuit Low	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0AC8-123	Hybrid Battery Temperature Sensor "B" Circuit High	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0ACB-123	Hybrid Battery Temperature Sensor "C" Range / Performance	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector	Comes on	INFO
P0ACC-123	Hybrid Battery Temperature Sensor "C" Circuit Low	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0ACD-123	Hybrid Battery Temperature Sensor "C" Circuit High	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector 4. Hybrid battery junction block	Comes on	INFO
P0AFC-123	Hybrid Battery Pack Sensor Module	1. Battery smart unit 2. Wire harness or connector 3. IGCT fuse 4. IGCT No. 2 fuse 5. IGCT relay	Comes on	INFO
P0B3D-	Hybrid Battery Voltage Sensor "A" Circuit	1. Battery smart unit	Comes	INFO

123	Low	2. HV battery assembly	on	
P0B42-123	Hybrid Battery Voltage Sensor "B" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B47-123	Hybrid Battery Voltage Sensor "C" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B4C-123	Hybrid Battery Voltage Sensor "D" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B51-123	Hybrid Battery Voltage Sensor "E" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B56-123	Hybrid Battery Voltage Sensor "F" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B5B-123	Hybrid Battery Voltage Sensor "G" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B60-123	Hybrid Battery Voltage Sensor "H" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B65-123	Hybrid Battery Voltage Sensor "I" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B6A-123	Hybrid Battery Voltage Sensor "J" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B6F-123	Hybrid Battery Voltage Sensor "K" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B74-123	Hybrid Battery Voltage Sensor "L" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B79-123	Hybrid Battery Voltage Sensor "M" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B7E-123	Hybrid Battery Voltage Sensor "N" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P0B83-123	Hybrid Battery Voltage Sensor "O" Circuit Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
P3011-123	Battery Block 1 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3012-123	Battery Block 2 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3013-123	Battery Block 3 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3014-123	Battery Block 4 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO

P3015-123	Battery Block 5 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3016-123	Battery Block 6 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3017-123	Battery Block 7 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3018-123	Battery Block 8 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3019-123	Battery Block 9 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3020-123	Battery Block 10 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3021-123	Battery Block 11 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3022-123	Battery Block 12 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3023-123	Battery Block 13 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3024-123	Battery Block 14 Becomes Weak	1. HV battery assembly 2. Battery smart unit	Comes on	INFO
P3065-123	Hybrid Battery Temperature Sensor Range / Performance Stack A	1. HV battery assembly 2. Battery smart unit 3. Wire harness or connector	Comes on	INFO
P308A-123	Hybrid Battery Voltage Sensor All Circuits Low	1. Battery smart unit 2. HV battery assembly	Comes on	INFO
U029A-123	Lost Communication with Hybrid Battery Pack Sensor Module	1. Wire harness or connector 2. Power management control ECU 3. Battery smart unit 4. IGCT fuse 5. IGCT NO. 2 fuse 6. IGCT relay	Comes on	INFO

