

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002EIYM
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: THEFT DETERRENT / KEYLESS ENTRY: SMART KEY SYSTEM (for Start Function): DIAGNOSTIC TROUBLE CODE CHART; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DIAGNOSTIC TROUBLE CODE CHART

Smart Key System (for Start Function)

DTC NO.	DETECTION ITEM	DTC OUTPUT FROM	PRIORITY	LINK
B227111	IG Circuit Short to Ground	Power Source Control	A	INFO
B227411	ACC Circuit Short to Ground	Power Source Control	A	INFO
B227511	Starter Circuit Short to Ground	Power Source Control	B	INFO
B227512	Starter Circuit Short to Battery	Power Source Control	B	INFO
B227862	Engine/Power Switch Signal Compare Failure	Power Source Control	A	INFO
B228231	Vehicle Speed Signal Circuit Open	Power Source Control	A	INFO
B228262	Vehicle Speed Signal Compare Failure	Power Source Control	A	INFO
B228562	Steering Lock Position Signal Compare Failure	Power Source Control	B	INFO
B228B00	Battery Circuit or Ground Circuit Energization Malfunction	Power Source Control	A	INFO
B277A96	Wireless Starter Component Internal Failure	Smart Key	B	INFO
B278196	Steering Lock System Component Internal Failure	Smart Key	A	INFO
B278211	Power Source Control System Circuit Short to Ground	Smart Key	A	INFO

DTC NO.	DETECTION ITEM	DTC OUTPUT FROM	PRIORITY	LINK
B278215	Power Source Control System Circuit Short to Battery or Open	Smart Key	A	INFO
B27841C	Antenna Coil Circuit Voltage Out of Range	Smart Key	A	INFO
B278D96	ID-BOX Component Internal Failure	Smart Key	A	INFO
B278E87	Immobiliser Amp Missing Message	Smart Key	A	INFO
B279046	ID-BOX Calibration / Parameter Memory Failure	Smart Key	A	INFO
B279986	Engine Immobiliser System Signal (Some Circuit Quantity, Reported via Serial Data) Invalid	Hybrid Control	A	INFO
B279A12	Engine Immobiliser System Circuit Short to Battery	Hybrid Control	A	INFO
B279C95	Engine Immobiliser System Incorrect Assembly	Hybrid Control	A	INFO
B279F1C	Steering Lock Confirmation Signal Circuit Voltage Out of Range	Smart Key	A	INFO
B27A513	Front Floor Electrical Key Oscillator Circuit Open	Smart Key	A	INFO
B27A713	Rear Floor 2 Electrical Key Oscillator Circuit Open	Smart Key	A	INFO
P057162	Brake Switch "A" Signal Compare Failure	Power Source Control	A	INFO
U010387	Lost Communication with Gear Shift Control Module "A" Missing Message	Power Source Control	B	INFO
U012987	Lost Communication with Brake System Control Module "A" Missing Message	Smart Key Power Source Control	B	INFO
U014087	Lost Communication with Body Control Module Missing Message	Smart Key Power Source Control	B	INFO
U015587	Lost Communication with Instrument Panel Cluster (IPC) Control Module	Smart Key	B	INFO

DTC NO.	DETECTION ITEM	DTC OUTPUT FROM	PRIORITY	LINK
		Power Source Control		
U016387	Lost Communication with Navigation Control Module Missing Message	Smart Key Power Source Control	B	INFO
U023087	Lost Communication with Rear Gate Module Missing Message	Smart Key	B	INFO
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	Smart Key Power Source Control	B	INFO
U111087	Lost Communication with Intuitive Parking Assist Module Missing Message	Smart Key Power Source Control	B	INFO
U111787	Lost Communication with Accessory Gateway Missing Message	Smart Key Power Source Control	B	INFO
U113A87	Lost Communication with Solar Charging Control Module Missing Message	Power Source Control	B	INFO
U114F87	Lost Communication with Power Integration Module Missing Message	Power Source Control	B	INFO

