





Techstream - 1427

File Function Setup TechDoc User Help

System Select | Stored Data | Main Body Live | Combination Meter Live | Customize ABS/VSC/TRC Live

PRIUS ZVW  
2ZRFXE

123456789

Trouble Codes

Data List

Active Test

Monitor

Utility

Print

Close

Parameter	Value	Unit	Parameter	Value	Unit
ABS Warning Light	OFF		Lateral G	0.00	m/s2
Brake Warning Light	OFF		Forward and Rearward G	0.00	m/s2
ECB Warning Light	OFF		Yaw Rate Value	0	degrees/s
Buzzer	OFF		Steering Angle Value	6.0	degrees
Stop Light SW	OFF		Slip Indicator Light	OFF	
Parking Brake SW	OFF		FR Wheel Speed	0	km/h
Reservoir Warning SW	OFF		FL Wheel Speed	0	km/h
Main Idle SW	ON		RR Wheel Speed	0	km/h
Shift Lever Position	P,N		RL Wheel Speed	0	km/h
Inspection Mode	Other		Vehicle Speed	0	km/h
Regulator Pressure Sensor Output	0.49	V	FR Wheel Acceleration	0.00	m/s2
Stroke Sensor	0.84	V	FL Wheel Acceleration	0.00	m/s2
Voltage of Stroke Sensor	-0.13	V	RR Wheel Acceleration	0.00	m/s2
Stroke Sensor2	4.15	V	RL Wheel Acceleration	0.00	m/s2
Voltage of Stroke Sensor2	-0.15	V	Stop Light Relay Output	OFF	
Accumulator Sensor	3.64	V	EBS Relay	OFF	
Deceleration Sensor	-0.143	m/s2	FR Wheel ABS Ctrl Status	OFF	
Zero Point of Decele	-0.19	m/s2	FL Wheel ABS Ctrl Status	OFF	
Deceleration Sensor2	-0.143	m/s2	RR Wheel ABS Ctrl Status	OFF	
Zero Point of Decele2	0.00	m/s2	RL Wheel ABS Ctrl Status	OFF	
Yaw Rate Sensor	0	degrees/s	RR Wheel EBD Ctrl Status	OFF	
Zero Point of Yaw Rate	0	degrees/sec	RL Wheel EBD Ctrl Status	OFF	
Yaw Rate Sensor2	0	degrees/s	BA Ctrl Status	OFF	
Zero Point of Yaw Rate2	0	degrees/s	PBA Ctrl Status	OFF	
Steering Angle Sensor	6.0	degrees	TRC(TRAC) Ctrl Status	OFF	
Zero Point of Steering Angle	0.0	degrees	TRC(TRAC) Engine Ctrl Status	OFF	
			TRC(TRAC) Brake Ctrl Status	OFF	
			FR Wheel VSC Ctrl Status	OFF	
			FL Wheel VSC Ctrl Status	OFF	

All Data

S306-01 | ABS/VSC/TRC | 484 ms | Default User | DLC 3

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Trouble Codes  
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Active Test  
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Close

Parameter	Value	Unit	Parameter	Value	Unit
Engine Coolant Temp	41	C	Power Resource IB	2.44	A
Engine Revolution	0	rpm	VL-Voltage before Boosting	229	V
Vehicle Spd	0	km/h	VH-Voltage after Boosting	228	V
Engine Run Time	1595	s	Boost Ratio	0.0	%
+B	14.51	V	Drive Condition ID	0	
Accel Pedal Pos #1	16.0	%	Shift Sensor Shift Pos	P	
Accel Pedal Pos #2	31.7	%	Short Wave Highest Val	4.98	V
Ambient Temperature	16	C	MG1 Control Mode	0	
Intake Air Temperature	38	C	MG2 Control Mode	0	
DTC Clear Warm Up	210		Num of Current Code	0	
DTC Clear Run Distance	8032	km	Num of History Code	0	
DTC Clear Min	9992	min	Calculate Load	0.0	%
MIL on Run Distance	0		Throttle Position	16.8	%
Number of Emission DTC	0		DCDC Cnv Tar Pulse Duty	70.1	%
Motor(MG2) Revolution	0	rpm	Prohibit DC/DC conv sig	OFF	
Motor(MG2) Torq	0.00	Nm	EV Request	OFF	
M(MG2) Trq Exec Val	0.00	Nm	IPA Control Signal	OFF	
Generator(MG1) Rev	0	rpm	Permit Start by Immobiliser	Norml	
Generator(MG1) Torq	0.00	Nm	Inv-T (MG1) afr IG-ON	17	C
G(MG1) Trq Exec Val	0.00	Nm	Inv-T (MG2) afr IG-ON	18	C
Regenerative Brake Torq	0.0	Nm	Mtr-T (MG2) afr IG-ON	16	C
Inverter Temp-(MG1)	24	C	Conv-Tmp after IG-ON	17	C
Inverter Temp-(MG2)	24	C	SOC after IG-ON	56.5	%
Motor Temp No2	28	C	Status of Charge Max	67.5	%
Motor Temp No1	18	C	Status of Charge Min	56.0	%
Accelerator Degree	0.0	%	Stop Light Switch	OFF	
Target Engine Rev	0	rpm	Auxiliary Batt Temperature	17	C
Engine Rev (Sensor)	0	rpm	Inter Lock Switch	OFF	
State of Charge (All Bat)	66.2	%	EV Switch	OFF	
Power Resource VB	229.0	V	ECO Mode	OFF	

Primary

S306-01 Hybrid Control 389 ms Default User DLC 3

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Trouble Codes

Data List

Active Test

Monitor

Utility

Print

Close

Parameter	Value	Unit	Parameter	Value	Unit
Prohibit Charge for P Pos	OFF		Batt Block Max Vol	16.36	V
Shift P Permission Signal	ON		Battery Block Vol -V01	16.36	V
Mtr-T (MG1) aftr IG-ON	17	C	Battery Block Vol -V02	16.36	V
Mtr-Temp (MG1) Max	28	C	Battery Block Vol -V03	16.36	V
MG1 Inverter Shutdown	OFF		Battery Block Vol -V04	16.33	V
MG1 Inverter Fail	OFF		Battery Block Vol -V05	16.36	V
MG2 Inverter Shutdown	OFF		Battery Block Vol -V06	16.36	V
MG2 Inverter Fail	OFF		Battery Block Vol -V07	16.36	V
Conv Shutdown	OFF		Battery Block Vol -V08	16.33	V
Converter Fail	OFF		Battery Block Vol -V09	16.36	V
Internal Shift Position	P		Battery Block Vol -V10	16.33	V
HV Start Condition	Norml		Battery Block Vol -V11	16.36	V
Engine Stop Request	Request		Battery Block Vol -V12	16.33	V
Engine Idling Request	No		Battery Block Vol -V13	16.36	V
Engine Warming Up Rqst	No		Battery Block Vol -V14	16.36	V
SMRP Status	OFF		Pattern Switch (PWR/M)	OFF	
SMRB Status	ON				
SMRG Status	ON				
Delta SOC	0.0	%			
Batt Pack Current Val	1.47	A			
Inhaling Air Temp	19.0	C			
VMF Fan Motor Voltage1	0.0	V			
Auxiliary Battery Vol	14.47	V			
Charge Control Value	-20.0	KW			
Discharge Control Value	19.0	KW			
Cooling Fan Mode1	0				
Temp of Batt TB1	19.0	C			
Temp of Batt TB2	19.0	C			
Temp of Batt TB3	19.0	C			
Batt Block Minimum Vol	16.33	V			

Primary

S306-01 Hybrid Control 375 ms

Acer eNet Management Internet@home Default User DLC 3

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System Select | Stored Data | Main Body Live | Combination Meter Live | Customize | ABS/VSC/TRC Live | Hybrid Control Live | **Engine and ECT Live**

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Trouble Codes

Data List

Active Test

Monitor

Utility

Print

Close

Parameter	Value	Unit	Parameter	Value	Unit
Vehicle Speed	0	km/h	Throttle Motor Duty (Open)	0	%
Engine Speed	1301	rpm	Throttle Motor Duty (Close)	11	%
Calculate Load	39.2	%	Throttle Fully Close Learn	0.644	V
Vehicle Load	20.0	%	Injector (Port)	2763	us
MAF	4.00	gm/sec	Injection Volum (Cylinder1)	0.102	ml
Atmosphere Pressure	99	kPa(abs)	Fuel Pump/Speed Status	ON	
MAP	36	kPa(abs)	EVAP (Purge) VSV	0.0	%
Coolant Temp	43	C	Evap Purge Flow	0.0	%
Intake Air	30	C	Purge Density Learn Value	0.000	
Engine Run Time	1669	s	EVAP Purge VSV	OFF	
Initial Engine Coolant Temp	16.0	C	Purge Cut VSV Duty	0.0	%
Initial Intake Air Temp	18.0	C	Target Air-Fuel Ratio	0.998	
Battery Voltage	14.609	V	AF Lambda B1S1	0.996	
Throttle Sensor Volt %	17.6	%	AFS Voltage B1S1	3.312	V
Throttl Sensor #2 Volt %	49.4	%	AFS Current B1S1	0.00	mA
Throttle Idle Position	OFF		A/F Heater Duty #1	40.6	%
Throttle Require Position	0.878	V	O2S B1S2	0.135	V
Throttle Sensor Position	1.1	%	O2 Heater B1S2	Not Act	
Throttle Position No.1	0.000	V	O2 Heater Curr Val B1S2	1.0	A
Throttle Position No.2	0.000	V	Short FT #1	2.343	%
Throttle Position No.1	0.878	V	Long FT #1	-1.563	%
Throttle Position No.2	2.460	V	Total FT #1	0.000	
Throttle Position Command	0.878	V	Fuel System Status #1	CL	
Throttle Sens Open Pos #1	0.898	V	Fuel System Status #2	Unused	
Throttle Sens Open Pos #2	1.992	V	IGN Advance	21.0	deg
Throttle Motor Current	0.6	A	Knock Feedback Value	-3.0	CA
Throttle Motor DUTY	17.6	%	Knock Correct Learn Value	26.2	CA
Throttle Motor Current	0.000	A	Target EGR Position	0.0	%
Throttle Motor Open Duty	0	%	EGR Step Position	0	step
Throttle Motor Close Duty	0	%	VVT Control Status #1	ON	

Primary

S306-01 | Engine and ECT | 296 ms | Default User | DLC 3

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Trouble Codes

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Utility

Print

Close

Parameter	Value	Unit	Parameter	Value	Unit
VVT Aim Angle #1	0.0	%	Communication with Brake	Comm	
VVT Change Angle #1	0.0	DegFR	Comm with Air Conditioner	Comm	
VVT OCV Duty #1	0.0	%	Engine Speed of Cyl #1	51199	rpm
Catalyst Temp B1S1	409.0	C	Engine Speed of Cyl #2	51199	rpm
Catalyst Temp B1S2	318.0	C	Engine Speed of Cyl #3	51199	rpm
Closed Throttle Position SW	ON		Engine Speed of Cyl #4	51199	rpm
Fuel Cut Condition	ON		Av Engine Speed of All Cyl	51199	rpm
TC Terminal	OFF		Requested Engine Torque	0.00	kW
# Codes(Include History)	0		HV Target Engine Speed	0	rpm
MIL ON Run Distance	0	km	Actual Engine Torque	0	Nm
Running Time from MIL ON	0	min	Engine Run Time	255	s
Time after DTC Cleared	9996	min	Request Engine Run Time	11.9	s
Distance from DTC Cleared	8030	km	Judge Time Engine Ignition	2.9	s
Warmup Cycle Cleared DTC	223		Judge Time Engine Output	0.0	s
Dist Batt Cable Disconnect	8030	km	Fuel Level	Not Emp	
IG OFF Elapsed Time	2520	min	ISC Learning	Incmlpl	
TC and TE1	OFF		F/C for Engine Stop Req	ON	
Ignition Trig. Count	264		Engine Independent	Not Opr	
Cylinder #1 Misfire Count	0		Racing Operation	Not Opr	
Cylinder #2 Misfire Count	0		Request Warm-up	Not Req	
Cylinder #3 Misfire Count	0		Engine Independent Control	Not Opr	
Cylinder #4 Misfire Count	0		Elec Water Pump Target Spd	2475	rpm
All Cylinders Misfire Count	0		Elec Water Pump Spd	2775	rpm
Misfire RPM	0	rpm	ISC Learning Value	2.061	L/s
Misfire Load	0.00	g/rev			
Misfire Margin	127.00	%			
Electric Fan Motor	OFF				
Idle Fuel Cut	OFF				
FC TAU	OFF				
Communication with HV	Comm				

S306-01 | Engine and ECT | 280 ms

Acer eNet Management  
Internet déconnecté

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File Function Setup TechDoc User Help

Main Body Live | Combination Meter Live | Customize | ABS/VSC/TRC Live | Hybrid Control Live | Engine and ECT Live | **Transmission Control Live**

**PRIUS ZVW  
2ZRFXE**

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Trouble Codes

Data List

Active Test

Monitor

Utility

Print

Close

Parameter	Value	Unit	Parameter	Value	Unit
Shift Pos Display (P)	ON				
Shift Pos Display (Not P)	OFF				
Master Caution Display	Nondisp				
PSW Indicator Mode	ON				
U Phase Voltage Value	15.15	V			
V Phase Voltage Value	15.15	V			
W Phase Voltage Value	15.00	V			
Battery Voltage Value	14.68	V			
IG(+B) Voltage Value	14.53	V			
Cmplt of Learn Lck Pos	OK				
Cmplt of Learn Unlck Pos	OK				
# of Trip Cuntr after Learn	698				
Main Relay for Motor Drive	ON				
U Phase Cmt-Carry Status	OFF				
V Phase Cmt-Carry Status	OFF				
W Phase Cmt-Carry Status	OFF				
U Phase Voltage Status	ON				
V Phase Voltage Status	ON				
W Phase Voltage Status	ON				
Battery Voltage Status	ON				
IG(+B) Phase Vol Status	ON				
ACC Condition Signal	ON				
Init Drv Cntrl Completed	OK				
Cmplt of Detct Lck Pos	OK				
Cmplt of Detct Unlck Pos	NG				
P/Not P Move Shift Range	Set				
Main Relay	Normal				
Current flag record	OFF				
Number of Diagnosis Code	0				

All Data

S306-01 | Transmission Control | 200 ms | Default User | DLC 3

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Trouble Codes  
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Print  
Close

Parameter	Value	Unit	Parameter	Value	Unit
Engine Coolant Temp	40	C	Power Resource IB	1.47	A
Engine Revolution	0	rpm	VL-Voltage before Boosting	228	V
Vehicle Spd	0	km/h	VH-Voltage after Boosting	228	V
Engine Run Time	1889	s	Boost Ratio	0.0	%
+B	14.51	V	Drive Condition ID	0	
Accel Pedal Pos #1	16.0	%	Shift Sensor Shift Pos	P	
Accel Pedal Pos #2	31.7	%	Short Wave Highest Val	4.98	V
Ambient Temperature	16	C	MG1 Control Mode	0	
Intake Air Temperature	39	C	MG2 Control Mode	0	
DTC Clear Warm Up	210		Num of Current Code	0	
DTC Clear Run Distance	8032	km	Num of History Code	0	
DTC Clear Min	9997	min	Calculate Load	0.0	%
MIL on Run Distance	0		Throttle Position	16.8	%
Number of Emission DTC	0		DCDC Cnv Tar Pulse Duty	69.9	%
Motor(MG2) Revolution	0	rpm	Prohibit DC/DC conv sig	OFF	
Motor(MG2) Torq	0.00	Nm	EV Request	OFF	
M(MG2) Trq Exec Val	-0.38	Nm	IPA Control Signal	OFF	
Generator(MG1) Rev	0	rpm	Permit Start by Immobiliser	Norml	
Generator(MG1) Torq	0.00	Nm	Inv-T (MG1) afr IG-ON	17	C
G(MG1) Trq Exec Val	0.00	Nm	Inv-T (MG2) afr IG-ON	18	C
Regenerative Brake Torq	0.0	Nm	Mtr-T (MG2) afr IG-ON	16	C
Inverter Temp-(MG1)	24	C	Conv-Tmp after IG-ON	17	C
Inverter Temp-(MG2)	24	C	SOC after IG-ON	56.5	%
Motor Temp No2	29	C	Status of Charge Max	67.5	%
Motor Temp No1	19	C	Status of Charge Min	56.0	%
Accelerator Degree			Light Switch	OFF	
Target Engine Rev			Light/Batt Temperature	17	C
Engine Rev (Sensor)			Light Switch	OFF	
State of Charge (All Bat)			Light Switch	OFF	
Power Resource VB			Light Switch	OFF	

HV Transmission  
Auxiliary Battery  
Thermo Sensor  
Drive Performance  
Parking Control  
Operation History  
Shift Gear before READY  
N Range Control by Busy Shift

Primary

S306-01 Hybrid Control 389 ms Default User DLC 3

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Main Body Live | Combination Meter Live | Customize | ABS/VSC/TRC Live | Engine and ECT Live | Transmission Control Live | **EMPS Live**

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Trouble Codes

Data List

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Close

Parameter	Value	Unit	Parameter	Value	Unit
Meter Vehicle Velocity	0.0	km/h			
Motor Actual Current	-0.03	A			
Command Value Current	0.00	A			
Steering Angle Velocity	0	deg/s			
Thermistor Temperature	30.0	C			
PIG Power Supply	14.7159	V			
IG Power Supply	14.6765	V			
Steering Angle Sens Sig	OK				
Steering Wheel Torque	0.20	Nm			
Motor Rotation Angle	149.314	deg			
Command Val Current 2	0.00	A			
PIG2 Voltage	14.602	V			
Motor Voltage	27.048	V			
Motor Terminal Volt(U)	13.720	V			
Motor Terminal Volt(V)	13.671	V			
Motor Terminal Volt(W)	13.622	V			
Torque Sensor 1 Output	2.4375	V			
Torque Sensor 2 Output	2.4960	V			
TRQ1 Zero Point Value	2.4765	V			
TRQ2 Zero Point Value	2.4765	V			
IG ON/OFF Times	0	times			
Motor Overheat Record	Unrec				
Motor Lo Power Record	Unrec				
Eng Rev Inter Record	Unrec				
Str Angle Inter Record	Unrec				
Spd Sig Invalid Record	Unrec				
Battery Voltage Lo Record	0	times			
Ready Status	Ready				
The Number of DTCs	0				

All Data

S306-01 EMPS | 1342 ms | Default User | DLC 3