

# Vehicle Diagnostic Report

**Current Data:**  
**File** C:\Users\Public\Documents\Techstream\User\Default\_User\PRIUS \_\_PRIUS V\_2ZRFXE\_JTDZS3EU303100588\_15-05-2021  
 123716.TSE  
**System** Engine and ECT - 100kmh  
**CarInfo** 2ZRFXE  
**Odometer**  
**VIN** JTDZS3EU303100588

**Reference Data:**  
**File** C:\Users\Public\Documents\Techstream\User\Default\_User\AURIS HV\_2ZRFXE\_SB1ZS3JE10E216928\_14-05-2021  
 190158.TSE  
**System** Engine and ECT - Data 3  
**CarInfo** 2ZRFXE  
**Odometer** 163358 km  
**VIN** SB1ZS3JE10E216928

## File Compare (1 of 2)

<b>Current</b>	<b>Time</b>	39:14:578	<b>00:00:000</b>	02:21:328	<b>Frame</b>	0	<b>0</b>		
<b>Reference</b>	<b>Time</b>	30:04:437	<b>01:18:375</b>	03:55:672	<b>Frame</b>	0	<b>49</b>		

Parameter	Current	Reference	Unit
Vehicle Speed	92	94	km/h
Engine Speed	1747	1775	rpm
Calculate Load	86,2	88,6	%
Vehicle Load	42,3	45,8	%
MAF	13,17	14,50	gm/sec
Atmosphere Pressure	97	98	kPa(abs)
MAP	89	94	kPa
Coolant Temp	90	91	C
Intake Air	30	26	C
Engine Run Time	4376	3426	s
Initial Engine Coolant Temp	61,8	20,6	C
Initial Intake Air Temp	51,2	21,8	C
Battery Voltage	13,593	13,496	V
Throttle Sensor Volt %	25,4	27,4	%
Throttle Sensor #2 Volt %	59,6	61,9	%
Throttle Idle Position	OFF	OFF	
Throttle Require Position	1,269	1,367	V
Throttle Sensor Position	9,8	9,4	%
Throttle Position No.1	1,269	1,367	V
Throttle Position No.2	2,968	3,085	V
Throttle Position Command	1,269	1,367	V
Throttle Sens Open Pos #1	0,917	0,878	V
Throttle Sens Open Pos #2	2,011	1,972	V
Throttle Motor Current	0,3	0,6	A
Throttle Motor DUTY	25,4	27,4	%
Throttle Motor Duty (Open)	8	9	%
Throttle Motor Duty (Close)	0	0	%
Throttle Fully Close Learn	0,664	0,625	V
Injector (Port)	5812	6186	us
Injection Volum (Cylinder1)	0,228	0,245	ml
Fuel Pump/Speed Status	ON	ON	
EVAP (Purge) VSV	100,0	100,0	%
Evap Purge Flow	4,2	3,3	%
Purge Density Learn Value	0,964	-0,886	
EVAP Purge VSV	ON	ON	
Purge Cut VSV Duty	100,0	100,0	%
Target Air-Fuel Ratio	0,992	0,992	
AF Lambda B1S1	0,991	0,990	
AFS Voltage B1S1	3,341	3,327	V
AFS Current B1S1	0,01	0,01	mA
A/F Heater Duty B1S1	21,8	20,3	%
O2S B1S2	0,800	0,740	V
O2 Heater B1S2	Not Act	Not Act	
O2 Heater Curr Val B1S2	1,000	0,971	A
Short FT B1S1	-1,563	3,125	%
Long FT B1S1	3,125	5,468	%
Total FT #1	0,042	0,062	
Fuel System Status #1	CL	CL	
Fuel System Status #2	Unused	Unused	
IGN Advance	32,0	29,5	deg

Parameter	Current	Reference	Unit
Knock Feedback Value	-3,0	-3,0	deg (CA)
Knock Correct Learn Value	26,0	26,1	deg (CA)
Target EGR Position	34,5	38,0	%
EGR Step Position	39	44	step
Catalyst Temp B1S1	659,8	797,1	C
Catalyst Temp B1S2	608,9	751,3	C
Closed Throttle Position SW	OFF	OFF	
Fuel Cut Condition	OFF	OFF	
TC Terminal	OFF	OFF	
# Codes(Include History)	0	0	
MIL ON Run Distance	0	0	km
Running Time from MIL ON	0	0	min
Time after DTC Cleared	686	3205	min
Distance from DTC Cleared	191	840	km
Warmup Cycle Cleared DTC	10	81	
Dist Batt Cable Disconnect	462	840	km
IG OFF Elapsed Time	40	2520	min
TC and TE1	OFF	OFF	
Ignition Trig. Count	0	0	
Cylinder #1 Misfire Count	0	0	
Cylinder #2 Misfire Count	0	0	
Cylinder #3 Misfire Count	0	0	
Cylinder #4 Misfire Count	0	0	
All Cylinders Misfire Count	0	0	
Misfire RPM	0	0	rpm
Misfire Load	0,00	0,00	g/rev
Misfire Margin	92,00	78,00	%
Electric Fan Motor	OFF	OFF	
Idle Fuel Cut	OFF	OFF	
FC TAU	OFF	OFF	
Communication with HV	Comm	Comm	
Communication with Brake	Comm	Comm	
Comm with Air Conditioner	Comm	-	
Transmission Type2	NA	NA	
Sports Mode Switch	OFF	OFF	
Requested Engine Torque	15,75	17,00	kW
HV Target Engine Speed	1750	1800	rpm
Actual Engine Torque	82	87	Nm
Engine Run Time	255	255	s
Request Engine Run Time	25,5	11,9	s
Judge Time Engine Ignition	2,9	2,9	s
Judge Time Engine Output	0,0	0,0	s
Fuel Level	Not Emp	Not Emp	
ISC Learning	Incmlpl	Compl	
F/C for Engine Stop Req	OFF	OFF	
Engine Independent	Not Opr	Not Opr	
Racing Operation	Not Opr	Not Opr	
Request Warm-up	Not Req	Not Req	
Engine Independent Control	Not Opr	Not Opr	
Elec Water Pump Target Spd	2300	2300	rpm
Elec Water Pump Spd	2675	2700	rpm
ISC Learning Value	2,115	3,297	L/s
Electric Cooling Fan High	-	OFF	
Electric Cooling Fan Low	-	OFF	