

Vehicle Diagnostic Report

1ZRFE

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Diagnostic Trouble Code Report Engine and ECT(1 of 1)

DTC Monitors are Complete.

MIL: ON

Code	Description	Current	Pending	History	Permanent	Summary	Freeze Frame
P0171	System Too Lean (Bank 1)	X	X	X		Icon B	Y

Freeze Frame Data Report P0171(1 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	116	116	116	116	116	km/h
Engine Speed	3787	3799	3803	3803	3814	rpm
Calculate Load	92.5	72.5	63.1	83.5	87.8	%
Vehicle Load	65.4	47.0	49.8	61.1	69.0	%
MAF	39.20	28.45	30.00	36.87	41.57	gm/sec
Atmosphere Pressure	93	93	93	93	93	kPa(abs)
Coolant Temp	89	89	89	89	89	C
Intake Air	28	28	28	28	28	C
Engine Run Time	921	921	922	922	922	s
Initial Engine Coolant Temp	78.7	78.7	78.7	78.7	78.7	C
Initial Intake Air Temp	45.0	45.0	45.0	45.0	45.0	C
Battery Voltage	13.7	13.7	13.7	13.7	13.7	V
Accel Sens. No.1 Volt %	34.5	29.0	32.5	34.1	35.6	%
Accel Sens. No.2 Volt %	50.5	45.0	48.6	50.1	51.7	%
Throttle Sensor Volt %	31.7	25.8	27.0	29.8	32.1	%
Throttle Sensor #2 Volt %	67.4	60.0	61.1	64.7	67.8	%
Throttle Sensor Position	12.9	7.0	7.8	10.9	13.3	%
Throttle Motor DUTY	31.3	25.4	27.4	29.8	32.1	%
Injector (Port)	10.88	7.55	7.16	9.60	10.62	ms
Injection Volum (Cylinder1)	0.466	0.362	0.291	0.284	0.388	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
EVAP (Purge) VSV	0.0	0.0	0.0	0.0	0.0	%
Evap Purge Flow	0.0	0.0	0.0	0.0	0.0	%
Purge Density Learn Value	1.000	1.000	1.000	1.000	1.000	
EVAP Purge VSV	OFF	OFF	OFF	OFF	OFF	
Target Air-Fuel Ratio	1.000	1.000	1.000	1.000	1.000	
O2S B1S1	0.11	0.11	0.11	0.11	0.11	V
O2S B1S2	0.97	0.97	0.97	0.97	0.97	V
O2 LR Switch Time B1S1	0.00	0.00	0.00	0.00	0.00	ms
O2 RL Switch Time B1S1	0.00	0.00	0.00	0.00	0.00	ms
Short FT B1S1	19.5	19.5	19.5	19.5	19.5	%
Long FT B1S1	33.5	33.5	33.5	33.5	33.5	%
Total FT #1	0.492	0.496	0.496	0.496	0.496	
Fuel System Status #1	CL	CL	CL	CL	CL	
Fuel System Status #2	Unused	Unused	Unused	Unused	Unused	
O2FT B1S1	19.531	19.531	19.531	19.531	19.531	%
IGN Advance	31.0	32.0	33.5	32.0	31.5	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	22.0	22.0	22.0	22.0	22.0	deg (CA)
VVT Control Status #1	ON	OFF	OFF	OFF	ON	
Catalyst Temp B1S1	764.2	764.8	764.8	764.8	765.7	C
Catalyst Temp B1S2	764.2	764.8	764.8	764.8	765.7	C
Starter Signal	OFF	OFF	OFF	OFF	OFF	
Starter Control	OFF	OFF	OFF	OFF	OFF	
Power Steering Signal	OFF	OFF	OFF	OFF	OFF	
Starter Relay	OFF	OFF	OFF	OFF	OFF	

Freeze Frame Data Report
P0171(2 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Power Steer. Sig. Record	ON	ON	ON	ON	ON	
ACC Relay	OFF	OFF	OFF	OFF	OFF	
Neutral Position SW Signal	OFF	OFF	OFF	OFF	OFF	
Stop Light Switch	OFF	OFF	OFF	OFF	OFF	
A/C Signal	ON	ON	ON	ON	ON	
Closed Throttle Position SW	OFF	OFF	OFF	OFF	OFF	
Fuel Cut Condition	OFF	OFF	OFF	OFF	OFF	
Immobiliser Communication	ON	ON	ON	ON	ON	
Electrical Load Signal	ON	ON	ON	ON	ON	
Time after DTC Cleared	15501	15501	15501	15501	15501	min
Distance from DTC Cleared	5791	5791	5791	5791	5791	km
Warmup Cycle Cleared DTC	255	255	255	255	255	
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Ignition Trig. Count	0	0	0	0	0	
Cylinder #1 Misfire Count	0	0	0	0	0	
Cylinder #2 Misfire Count	0	0	0	0	0	
Cylinder #3 Misfire Count	0	0	0	0	0	
Cylinder #4 Misfire Count	0	0	0	0	0	
All Cylinders Misfire Count	0	0	0	0	0	
Misfire RPM	0	0	0	0	0	rpm
Misfire Load	0.00	0.00	0.00	0.00	0.00	g/rev
Misfire Margin	74.21	76.56	76.56	76.56	73.43	%
Electric Fan Motor	ON	ON	ON	ON	ON	
Idle Fuel Cut	OFF	OFF	OFF	OFF	OFF	
FC TAU	OFF	OFF	OFF	OFF	OFF	
Cancel Switch	OFF	OFF	OFF	OFF	OFF	
SET/COAST Switch	OFF	OFF	OFF	OFF	OFF	
RES/ACC Switch	OFF	OFF	OFF	OFF	OFF	