

Vehicle Diagnostic Report

2ADFHV

NMTEB16R70R070456

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

DTC Monitors are Available.

MIL: OFF

Code	Description	Current	Pending	History	Permanent	Summary	Freeze Frame
P0500	Vehicle Speed Sensor	X		X		Icon E	Y

Freeze Frame Data Report P0500(1 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	0	0	0	0	0	km/h
Engine Speed	2144	2157	2170	2170	2178	rpm
Calculate Load	53.7	53.7	52.9	52.9	52.9	%
MAF	66.17	66.26	65.79	65.79	67.21	gm/sec
Atmosphere Pressure	100	100	100	100	100	kPa(abs)
MAP	163	164	164	164	164	kPa
Coolant Temp	82	82	82	82	82	C
Intake Air	16	16	16	16	16	C
Intake Air Temp (Turbo)	22	22	22	22	22	C
Engine Run Time	715	716	717	717	717	s
Initial Engine Coolant Temp	36.2	36.2	36.2	36.2	36.2	C
Initial Intake Air Temp	29.3	29.3	29.3	29.3	29.3	C
Battery Voltage	13.8	13.7	13.7	13.7	13.6	V
Accel Position	30.07	30.07	30.07	30.07	30.07	%
Accel Sens. No.1 Volt %	32.1	32.1	32.1	32.1	32.5	%
Accel Sens. No.2 Volt %	48.2	48.2	48.2	48.2	48.6	%
Actual Throttle Position	1	1	0	0	0	%
Diesel Throttle Learn Status	OK	OK	OK	OK	OK	
Throttle Sensor Volt %	69.8	69.8	69.8	69.8	69.8	%
Throttle Motor DUTY	60.7	60.7	61.5	61.1	61.5	%
Injection Volume	32.94	32.53	32.40	32.40	32.01	mm3/st
Inj. FB Vol. for Idle	3.29	3.29	3.29	3.29	3.29	mm3/st
Inj Vol Feedback Learning	0.0	0.0	0.0	0.0	0.0	mm3/st
Injection Feedback Val #1	-0.5	-0.5	-0.5	-0.5	-0.5	mm3/st
Injection Feedback Val #2	0.4	0.4	0.4	0.4	0.4	mm3/st
Injection Feedback Val #3	0.1	0.1	0.1	0.1	0.1	mm3/st
Injection Feedback Val #4	-0.5	-0.5	-0.5	-0.5	-0.5	mm3/st
Pilot 1 Injection Period	97	97	101	98	99	us
Pilot 2 Injection Period	94	96	101	100	100	us
Main Injection Period	371	376	379	371	373	us
After Injection Period	0	0	0	0	0	us
Pilot 1 Injection Timing	-24.6	-24.7	-24.6	-24.6	-24.6	deg (CA)
Pilot 2 Injection Timing	-4.5	-4.5	-4.4	-4.4	-4.3	deg (CA)
Main Injection Timing	9.5	9.5	9.6	9.6	9.7	deg (CA)
After Injection Timing	21.9	21.9	21.9	21.9	21.9	deg (CA)
Injector Memory Error	No Error	No Error	No Error	No Error	No Error	
Fuel Press	83080	83390	82170	82170	83390	kPag
Fuel Temperature	36	36	36	36	36	C
Target Pump SCV Current	1310.8	1302.5	1309.2	1313.3	1310.5	mA
AF Lambda B1S1	1.422	1.425	1.424	1.424	1.429	
AFS Voltage B1S1	0.55	0.55	0.55	0.55	0.55	V
Target EGR Position	0.0	0.0	0.0	0.0	0.0	%
EGR Lift Sensor Volt %	78.1	78.1	78.1	77.7	78.1	%

Freeze Frame Data Report
P0500(2 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
EGR Close Lrn. Val.	3.89	3.90	3.90	3.90	3.90	V
EGR Close Lrn. Status	OK	OK	OK	OK	OK	
VN Turbo Command	54	54	51	51	52	%
Exhaust Temperature B1S1	445.0	441.8	438.7	438.7	438.7	C
Exhaust Temperature B1S2	356.2	356.2	356.2	356.2	356.2	C
DPF Differential Pressure	2.050	1.675	7.312	4.304	6.058	kPa
DPF Thermal Deteriorate	Normal	Normal	Normal	Normal	Normal	
DPF No Activate	Activate	Activate	Activate	Activate	Activate	
DPF PM Block	No Block	No Block	No Block	No Block	No Block	
Catalyst Memory Error	No Error	No Error	No Error	No Error	No Error	
Starter Signal	OFF	OFF	OFF	OFF	OFF	
Starter Control	OFF	OFF	OFF	OFF	OFF	
Starter Relay	OFF	OFF	OFF	OFF	OFF	
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	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	36	36	37	37	37	min
Distance from DTC Cleared	0	0	0	0	0	km
Warmup Cycle Cleared DTC	2	2	2	2	2	
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Electric Fan Motor	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	

Monitor Status Report
Engine and ECT(1 of 1)

Monitor Summary

Monitor	Cumulative	Result	Summary
Misfire	N/A	-	N/A
Fuel System	Available	-	Infinity
Composition Parts	Available	-	Infinity
Catalyst Efficiency	N/A	-	N/A
Heated Catalyst	N/A	-	N/A
Evaporative System	N/A	-	N/A
Secondary Air System	N/A	-	N/A
A/C System	N/A	-	N/A
O2 Sensor	N/A	-	N/A
O2 Sensor Heater	N/A	-	N/A
Exhaust Gas Recirculation / VVT	N/A	Pass	N/A
Thermostat		-	