

Vehicle Diagnostic Report

2ADFHV

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Freeze Frame Data Report P1608(1 of 3)

Parameter						Unit
	-3	-2	-1	0	1	
Vehicle Speed	150	150	150	150	150	km/h
Target Idle Engine Speed	800	800	800	800	800	rpm
Engine Speed	3167	3177	3184	3175	3176	rpm
Calculate Load	85.4	85.4	85.0	85.4	72.9	%
MAF	123.92	125.25	126.76	125.42	114.15	gm/sec
Atmosphere Pressure	94	94	94	94	94	kPa(abs)
MAP	218	219	220	220	205	kPa
Coolant Temp	98	98	98	98	98	C
Intake Air	34	34	34	34	34	C
Intake Air Temp (Turbo)	45	45	45	45	45	C
Engine Run Time	1081	1082	1082	1082	1083	s
Initial Engine Coolant Temp	92.5	92.5	92.5	92.5	92.5	C
Initial Intake Air Temp	41.2	41.2	41.2	41.2	41.2	C
Battery Voltage	12.3	12.4	12.3	12.3	12.4	V
Pre Glow	OFF	OFF	OFF	OFF	OFF	
After Glow	OFF	OFF	OFF	OFF	OFF	
Glow Indicator Supported	Supp	Supp	Supp	Supp	Supp	
Glow Indicator	OFF	OFF	OFF	OFF	OFF	
Accel Position	97.26	99.60	80.46	80.07	65.23	%
Accel Sens. No.1 Volt %	60.7	64.3	53.3	52.9	47.8	%
Accel Sens. No.2 Volt %	77.2	80.3	69.4	69.0	63.9	%
Target Throttle Position	0	0	0	0	0	%
Actual Throttle Position	0	0	-1	0	-1	%
Diesel Throttle Learn Status	OK	OK	OK	OK	OK	
Throttle Sensor Volt %	81.1	81.1	81.1	81.1	81.1	%
Throttle Motor DUTY	11.3	11.3	12.1	11.3	12.9	%
Injection Volume	61.71	61.69	62.10	62.22	52.14	mm3/st
Inj. FB Vol. for Idle	0.90	0.90	0.90	0.90	0.90	mm3/st
Inj Vol Feedback Learning	0.0	0.0	0.0	0.0	0.0	mm3/st
Injection Feedback Val #1	-1.6	-1.6	-1.6	-1.6	-1.6	mm3/st
Injection Feedback Val #2	1.4	1.4	1.4	1.4	1.4	mm3/st
Injection Feedback Val #3	0.3	0.3	0.3	0.3	0.3	mm3/st
Injection Feedback Val #4	-0.5	-0.5	-0.5	-0.5	-0.5	mm3/st
Pilot 1 Injection Period	0	0	0	0	0	us
Pilot 2 Injection Period	167	168	168	168	167	us
Main Injection Period	591	606	609	609	511	us
After Injection Period	0	0	0	0	0	us
Pilot 1 Injection Timing	-36.0	-36.0	-36.0	-36.0	-36.0	deg (CA)
Pilot 2 Injection Timing	-31.4	-31.4	-31.3	-31.3	-27.8	deg (CA)
Main Injection Timing	-9.8	-9.8	-9.7	-9.7	-8.1	deg (CA)
After Injection Timing	30.9	30.9	30.9	30.9	30.9	deg (CA)
Injector Memory Error	No Error	No Error	No Error	No Error	No Error	
Reju Pilot Quantity Learning	READY	READY	READY	READY	READY	
Pilot Quantity Learning	Standby	Standby	Standby	Standby	Standby	
Target Common Rail Pressure	179230	179570	179420	179370	178210	kPa(abs)
Fuel Press	173780	177280	173440	172740	173780	kPag
Fuel Temperature	70	70	70	70	70	C
Fuel Return Temp	100	100	100	100	100	C
Target Pump SCV Current	1363.6	1365.8	1371.0	1369.8	1303.5	mA
Pump SCV Learning Value	62.5	62.5	62.5	62.5	62.5	mA
Pressure Discharge Valve	OFF	OFF	OFF	OFF	OFF	
AF Lambda B1S1	1.588	1.614	1.569	1.578	1.970	
AFS Voltage B1S1	0.63	0.64	0.61	0.62	0.84	V
AFS Current B1S1	0.87	0.89	0.85	0.87	1.17	mA
Target EGR Position	0.0	0.0	0.0	0.0	0.0	%
Actual EGR Valve Pos.	0.0	0.0	0.0	0.0	0.0	%
EGR Motor Duty #1	11.0	11.0	11.0	11.0	11.0	%
EGR Close Lrn. Val.	0.45	0.45	0.45	0.45	0.45	V
EGR Close Lrn. Status	OK	OK	OK	OK	OK	
EGR Operation Prohibit	NG	NG	NG	NG	NG	

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	-3	-2	-1	0	1	
EGR Cooler Bypass VSV	OFF	OFF	OFF	OFF	OFF	
EGR Cooler Bypass Position	Cooler	Cooler	Cooler	Cooler	Cooler	
Target Booster Pressure	220.01	220.01	220.01	220.01	217.65	kPa(abs)
VN Turbo Command	52	52	51	50	56	%
Exhaust Temperature B1S1 Supported	Supp	Supp	Supp	Supp	Supp	
Exhaust Temperature B1S1	601.8	601.8	600.6	600.6	598.1	C
Exhaust Temperature B1S2 Supported	Supp	Supp	Supp	Supp	Supp	
Exhaust Temperature B1S2	566.2	566.8	568.1	566.8	568.1	C
Exhaust Temperature B1S3 Supported	Unsupp	Unsupp	Unsupp	Unsupp	Unsupp	
Exhaust Temperature B1S3	-40.0	-40.0	-40.0	-40.0	-40.0	C
DPF Differential Pressure	24.964	17.453	22.835	23.210	14.195	kPa
Catalyst Differential Press	0.0932	0.0927	0.0928	0.0930	0.0953	
Exhaust Fuel Addition FB	1.17	1.17	1.17	1.17	1.17	
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	
Sulfur Accumulation Ratio	70	70	70	70	70	%
PM Accumulation Ratio	44	44	44	44	44	%
Starter Signal	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	
Immobiliser Communication	ON	ON	ON	ON	ON	
Time after DTC Cleared	2537	2537	2537	2537	2537	min
Distance from DTC Cleared	1305	1305	1305	1305	1305	km
Warmup Cycle Cleared DTC	42	42	42	42	42	
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Engine Start Time	0	0	0	0	0	ms
Engine Speed (Starter Off)	843	843	843	843	843	rpm
Starter Count	1	1	1	1	1	
Run Dist of Previous Trip	29	29	29	29	29	km
Glow Request Lighting Time	393	393	393	393	393	ms
IG-ON Time	524	524	524	524	524	ms
MAF Low	OFF	OFF	OFF	OFF	OFF	
Boost Pressure Low	OFF	OFF	OFF	OFF	OFF	
Common Rail Pressure Low	OFF	OFF	OFF	OFF	OFF	
Engine Coolant Temp High	OFF	OFF	OFF	ON	OFF	
MAF/Estimate MAF Ratio	1.02	1.02	1.02	1.02	1.03	
Rough Idle #1	OFF	OFF	OFF	OFF	OFF	
Rough Idle #2	OFF	OFF	OFF	OFF	OFF	
Rough Idle #3	OFF	OFF	OFF	OFF	OFF	
Rough Idle #4	OFF	OFF	OFF	OFF	OFF	
Electric Duty Feedback Value	0.0	0.0	0.0	0.0	0.0	mm3/st
A/C Duty Feedback Value	0.0	0.0	0.0	0.0	0.0	mm3/st
PS Duty Feedback Value	0.0	0.0	0.0	0.0	0.0	mm3/st
Idle Injection Volume (Min)	0.0	0.0	0.0	0.0	0.0	mm3/st
Battery Current	-25.4	-24.6	-24.6	-24.7	-24.5	A
Battery Temperature	55.6	55.6	55.6	55.6	55.6	C
Alternator Output Duty	14.6	19.9	16.9	24.5	18.1	%
Alt Vol - Non Active Test	12.5	12.5	12.5	12.5	12.5	V
Alt Vol - Active Test	0.0	0.0	0.0	0.0	0.0	V
Electric Fan Motor	ON	ON	ON	ON	ON	
Immobiliser Fuel Cut History	OFF	OFF	OFF	OFF	OFF	
Received MIL from ECT	OFF	OFF	OFF	OFF	OFF	
Shift Position Sig from ECT	5th	5th	5th	5th	5th	
A/T Oil Temp from ECT	105.0	105.0	105.0	105.0	105.0	C
SPD (NO)	4150	4150	4150	4150	4150	rpm
ECT Lock Up	ON	ON	ON	ON	ON	
Shift SW Status (P Range)	OFF	OFF	OFF	OFF	OFF	
Kick Down Switch Status	OFF	OFF	OFF	OFF	OFF	
Pattern Switch (PWR/M)	ON	ON	ON	ON	ON	
Shift SW Status (R Range)	OFF	OFF	OFF	OFF	OFF	
Shift SW Status (N Range)	OFF	OFF	OFF	OFF	OFF	
Shift SW Status (N,P Range) Supported	Supp	Supp	Supp	Supp	Supp	
Shift SW Status (N,P Range)	OFF	OFF	OFF	OFF	OFF	
Sports Shift Up SW	OFF	OFF	OFF	OFF	OFF	
Sports Shift Down SW	OFF	OFF	OFF	OFF	OFF	
Sports Mode Selection SW	ON	ON	ON	ON	ON	

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Parameter						Unit
	-3	-2	-1	0	1	
Shift SW Status (D Range)	ON	ON	ON	ON	ON	
A/T Oil Temperature 1	105.0	105.0	105.0	105.0	105.0	C
MT Down Shift Indication	OFF	OFF	OFF	OFF	OFF	
MT Up Shift Indication	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	