

# Vehicle Diagnostic Report

GSE IS250 4GR-FSE

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## Data List Engine(1 of 3)

Time/Frame : 29:15:097/18

Parameter	Value	Unit
Vehicle Speed	0	km/h
Engine Speed	2589	rpm
Calculate Load	38.8	%
MAF	8.89	gm/sec
Atmosphere Pressure	85	kPa
Coolant Temp	88	C
Intake Air	61	C
Ambient Temperature	30	C
Engine Run Time	172	s
Initial Engine Coolant Temp	85.6	C
Initial Intake Air Temp	65.6	C
Battery Voltage	14.1	V
Accel Sens. No.1 Volt %	23.1	%
Accel Sens. No.2 Volt %	39.6	%
Throttle Sensor Volt %	20.3	%
Throttl Sensor #2 Volt %	53.3	%
Throttle Idle Position	OFF	
Throttle Require Position	1.0	V
Throttle Sensor Position	3.1	%
Throttle Position No.1	1.0	V
Throttle Position No.2	2.6	V
Throttle Position Command	1.0	V
Throttle Motor Current	0.4	A
Throttle Motor DUTY	20.3	%
Throttle Motor Duty (Open)	13	%
Throttle Motor Duty (Close)	0	%
Throttle Fully Close Learn	0.6	V
Throttle Position	4.06	deg
ISC Flow	7.21	L/s
ISC Position	4.32	deg
ISC Feedback Value	0.14	L/s
ISC Learning Value	7.05	L/s
Electric Load Feedback Val	0.00	L/s
Air Conditioner FB Val	0.00	L/s
PS Feedback Val	-40.00	L/s
Low Revolution Control	OFF	
Neutral Control	OFF	
N Range Status	ON	
Fuel Press	8050	kPag
Injection Volum (Cylinder1)	0.053	ml
Fuel Pump Speed Control	ON	
Fuel Pump/Speed Status	ON	
Combustion Status (D4)	Stoich1	
Fuel Pressure Target Value	8.00	MPa
Fuel Pump Duty (D4)	10.5	%
High Pres FP Duty	6.76	%
SCV Status (D4)	ON	
Injection Timing (D4)	314.5	deg (CA)
Injection Time (D4)	0.64	ms
EVAP (Purge) VSV	0.0	%
Evap Purge Flow	0.0	%
Purge Density Learn Value	0.000	
EVAP Purge VSV	OFF	
Target Air-Fuel Ratio	1.004	

Parameter	Value	Unit
AF Lambda B1S1	0.926	
AF Lambda B2S1	0.937	
AFS Voltage B1S1	2.81	V
AFS Voltage B2S1	2.88	V
AFS Current B1S1	-0.29	mA
AFS Current B2S1	-0.26	mA
O2S B1S2	0.01	V
O2S B2S2	0.01	V
Short FT #1	0.0	%
Long FT #1	-22.7	%
Total FT #1	0.000	
Short FT #2	0.0	%
Long FT #2	-21.9	%
Total FT #2	0.000	
Fuel System Status #1	OLDrive	
Fuel System Status #2	OLDrive	
IGN Advance	32.0	deg
Knock Feedback Value	-3.0	deg (CA)
Knock Correct Learn Value	14.3	deg (CA)
Idle Spark Advn Ctrl #1	5.00	deg (CA)
Idle Spark Advn Ctrl #2	0.00	deg (CA)
Idle Spark Advn Ctrl #3	1.00	deg (CA)
Idle Spark Advn Ctrl #4	5.00	deg (CA)
Idle Spark Advn Ctrl #5	5.00	deg (CA)
Idle Spark Advn Ctrl #6	0.00	deg (CA)
ACIS VSV	OFF	
Starter Signal	OFF	
Starter Control	OFF	
Power Steering Signal	OFF	
Starter Relay	OFF	
ACC Relay	OFF	
Neutral Position SW Signal	ON	
Stop Light Switch	OFF	
A/C Signal	OFF	
Closed Throttle Position SW	OFF	
Fuel Cut Condition	OFF	
Immobiliser Communication	ON	
Electrical Load Signal	OFF	
Engine Oil Pressure SW	OFF	
# Codes(Include History)	0	
Time after DTC Cleared	17859	min
Distance from DTC Cleared	5041	km
Warmup Cycle Cleared DTC	255	
TC and TE1	OFF	
Engine Starting Time	0.00	ms
Engine Speed (Starter Off)	750	rpm
Starter Count	1	
Run Dist of Previous Trip	0.00	km
Previous Trip Coolant Temp	87	C
Previous Trip Intake Temp	61	C
Engine Oil Temperature	82	C
Previous Trip Eng Oil Temp	82	C
Ambient Temp for A/C	29	C
Previous Trip Ambient Temp	29	C
Minimum Engine Speed	368	rpm
Battery Current	-4.9	A
Battery Temperature	51.2	C
Alternator Output Duty	22.5	%
Alt Vol - Non Active Test	14.3	V
Alt Vol - Active Test	0.0	V
A/C Magnetic Clutch Relay	OFF	
Electric Fan Motor	OFF	
Idle Fuel Cut	OFF	
FC TAU	OFF	

**Data List**  
Engine(3 of 3)

Parameter	Value	Unit
G Sensor F/C History	OFF	
G Sensor F/C Communication Status	Normal	
Received MIL from ECT	OFF	
Shift Position Sig from ECT	1st	
A/T Oil Temp from ECT	82.5	C
SPD (NO)	0	rpm
SPD (NT)	2550	rpm
ECT Lock Up	OFF	



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