

C.A.T.S. Tuner ECM 99 Parameter List (ECM Configuration File Version S)

ECM Switch Parameters

EGR System Type (X = Back Pressure)
Vehicle Speed Sensor Failure (Error 24)
Low MAP Failure (Error 31)
High MAP Failure (Error 33)
EGR Failure (Error 32)
ESC Failure (Error 43)

ECM Constants

Initial Spark Advance (Distributor)
Main Spark Bias
Cool. Temp. Compensation Spark Adv. Bias
Max Spark Advance
Spark Advance Added in ALDL Mode
Bypass WOT Delay RPM
WOT Delay
Base Pulse Width Constant
BLM Enable MAP Qualifier
BLM MAP Qualifier
Min. Coolant Temp. For Closed Loop Fuel
Max. Engine Speed to Enable BLM
Open Loop Idle Qualifier Speed
Open Loop Idle Qualifier TPS
Minimum AFR for Open Loop Idle
Lean Idle AFR for Open Loop
Maximum AFR for Open Loop (Non-idle)
IAC Park Position
IAC Deadband
EGR On TPS
EGR Off TPS
EGR On RPM
EGR Off RPM
EGR On MAP
EGR Off MAP
MAP Qualifier. EGR Off - > On
TCC Lock, (Low Gears)
TCC Unlock, (Low Gears)
TCC Lock, (High Gears)
TCC Unlock, (High Gears)
Hi MAP Error Code 33 MAP Threshold
PROM ID

Tables

ECM Switch Table
ECM Constant Table
Main Spark Advance Vs RPM Vs. Load
EGR Spark Advance Vs. % EGR
Cool Compensation Spark Vs load
Power Enrichment Spark Advance Vs. RPM

Idle Overspeed Spark Retard vs RPM
Idle Underspeed Spark Advance vs RPM
Spark Timeout vs Coolant Temp.
Maximim Knock Retard Vs. RPM (in WOT)
Maximim Knock Retard Vs. MAP
Main Fuel Table (%VE) Vs. RPM Vs. MAP
TPS Threshold Vs. RPM For WOT (Fast)
TPS Threshold Vs. RPM For WOT
WOT Air Fuel Ratio Vs. RPM
Accel Enrich Vs. Differential TPS
Accel Enrich Vs. Differential MAP
Accel Enrich Diff. TPS Coefficient Vs. Cool. Temp.
Open Loop AFR Vs. Coolant Temp.
Open Loop AFR Vs. MAP
Mean/Rich/Lean O2 Voltage Threshold Vs. Air Flow
Crank AFR Correction Vs. Coolant Temp.
Choke AFR Decay Multiplier Vs. Coolant Temp.
IAC Steps Vs. Coolant
Target Idle RPM Vs Coolant (In gear)
Target Idle RPM Vs Coolant (out of gear)
BPW Constant Vs. %EGR
TCC Upper Load Limit vs MPH (Low Gears)
TCC Lower Load Limit vs MPH (Low Gears)
TCC Upper Load Limit vs MPH (High Gears)
TCC Lower Load Limit vs MPH (High Gears)