

C.A.T.S. Tuner ECM 8CB Parameter List

(ECM Configuration File Version B)

ECM Switch Parameters

Vss Sensor Diagnostic (Error 24)
Manual Transmission (0 = TCC)
EGR Diagnostic (Error 32)
MAP Sensor High Diagnostic (Error 33)
MAP Sensor Low Diagnostic (Error 34)
IAC High Diagnostic (Error 35)
O2 Sensor Lean Diagnostic (Error 44)
O2 Sensor Rich Diagnostic (Error 45)

ECM Constants

Spark Reference Angle
Altitude Spark Advance Bias
Base MAT Spark Advance Bias
Cool Temp Comp Spark Advance Bias
EGR Spark Advance Correction Bias
Extended RPM Spark Advance Slope
Extended RPM Spark Adv. RPM Limit
Power Enrich. Spark Advance Correction
Max Spark Advance Relative to Reference
A/C On Max RPM
Fan On Coolant Temp.
Fan Off Coolant Temp.
Fan Disable Speed
Fan Enable Speed
P.E. Enable %TPS Threshold Hysteresis
Delta %TPS Accel Enrich Enable Threshold
Clear Flood Enable %TPS Threshold
Time Out Run AFR Decay Multiplier
Block Learn Enable Min Coolant Temp.
Block Learn Disable RPM Threshold
Minimum BLM
Maximum BLM
Minimum Integrator
Maximum Integrator
BPW Constant
Closed Loop Minimum Coolant Temp.
Cold O2 Sensor Ready Timer
Warm O2 Sensor Ready Timer
Hot O2 Sensor Ready Timer
Warm O2 Timer Cool. Temp. Thresh.
Hot O2 Timer Cool. Temp. Thresh.
TCC Enable Coolant Temp. Threshold
TCC Disable Neg. Delta %TPS Threshold
TCC Disable Pos. Delta %TPS Threshold
TCC Enable Speed
TCC Disable Speed
TCC Lock Delay Time
Fuel Cutoff RPM
Fuel Resume RPM
PROM ID

Tables

ECM Switch Table
ECM Constant Table
Main Spark Vs. RPM Vs. MAP
Coolant Compensation Spark Vs. Load, Open Throttle
Cool Compensation Spark Vs. Load, Closed Throttle
Base MAT Spark Adv Correction Vs Vacuum vs MAT
Altitude Spark Adv Correction Vs Vacuum vs Baro
EGR Spark Correction Vs RPM Vs Vacuum
Volumetric Eff. Vs. RPM Vs. MAP, Open Throttle
Volumetric Eff. Vs. RPM Vs. MAP, Closed Throttle
Base Pulse Constant Vs. Vacuum Vs. RPM
Base Pulse Constant Multiplier Vs. MAT/Cool. Temp.
Injector PW Correction Vs. Battery Voltage
Open Loop AFR Vs. Coolant Vs. MAP
Crank AFR Vs. Coolant Temp.
Time-Out Run AFR Correction Vs. Coolant Temp.
P.E. Enable %TPS Threshold Vs. RPM Vs. Baro
Power Enrichment AFR Vs. RPM
Power Enrich AFR Multiplier Vs. Baro
Accel. Enrichment Vs. Differential MAP
Accel. Enrichment Vs. Differential TPS
Target Idle Vs. Coolant Temp Park/Neut
Target Idle Vs. Coolant Temp. In Drive
IAC Warm Park Position Vs. Coolant Temp.
TCC Load Limits (%TPS) Vs. Speed