

C.A.T.S. Tuner ECM 94 Parameter List

(ECM Configuration File Version K)

ECM Switch Parameters

Manual Transmission (0 = TCC)
ECM Fan Control (X = Enabled)
Spark Adv. Idle Control (X = Enabled)
Vss Sensor Diagnostic (Error 24)
EGR Diagnostic (Error 32)

ECM Constants

Initial Spark Advance
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 Allowable Spark Advance
A/C On Max RPM
Fan On Coolant Temp.
Fan Off Coolant Temp.
Fan Disable Speed
Fan Enable Speed
Closed Loop Fuel Min. Coolant Temp.
Open Loop AFR Max Coolant Temp.
Warm Open Loop AFR
P.E. Enable %TPS Threshold Hysteresis
Power Enrich Enable Delay Time
Delta %TPS Accel Enrich Enable Threshold
Clear Flood Enable %TPS Threshold
Time Out Run AFR Decay Multiplier
BPW Constant
Block Learn Enable Min Coolant Temp.
Block Learn Disable RPM Threshold
Minimum BLM
Maximum BLM
Minimum Integrator
Maximum Integrator
Closed Throttle Enable Threshold
Closed Throttle Disable Threshold
Closed Loop Idle Control Max %TPS
Closed Loop Idle Control Min Cool. Temp.
Closed Loop Idle Control Max Speed
Stall Saver Enable RPM Threshold
Stall Saver Disable RPM Threshold
Idle RPM Adder for A/C On
EGR Enable Coolant Temp. Threshold
TCC Unlock Prevent Speed
TCC Force Lock Speed
TCC Lock Delay Time
TCC Enable Coolant Temp. Threshold
TCC Disable Neg. Delta %TPS Threshold
TCC Disable Pos. Delta %TPS Threshold
TCC Enable Speed, Low Gears, A/C Off
TCC Disable Speed, Low Gears, A/C Off
TCC Enable Speed, Low Gears, A/C On

TCC Disable Speed, Low Gears, A/C On
TCC Enable Speed, 4th Gear, A/C Off
TCC Disable Speed, 4th Gear, A/C Off
TCC Enable Speed, 4th Gear, A/C On
TCC Disable Speed, 4th Gear, A/C On
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
Injector PW Correction Vs. Battery Voltage
Base Pulse Constant Multiplier Vs. MAT
Base Pulse Constant Multiplier Vs. Vacuum Vs. Baro
Open Loop AFR Vs. Coolant Vs. MAP
Crank AFR Vs. Coolant Temp.
Time-Out Run AFR Correction Vs. Coolant Temp.
Power Enrichment AFR Vs. RPM
Power Enrich AFR Multiplier Vs. Time in P.E.
Power Enrich AFR Multiplier Vs. Baro
Power Enrich Enable %TPS Thresh. Vs. RPM Vs. Baro
Skip P.E. Delay Enable RPM Threshold Vs. Baro.
Skip P.E. Delay Pos. Delta %TPS Threshold 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
Target Idle RPM Vs. Battery Voltage
IAC Warm Park Position Vs. Coolant Temp.
Idle Overspeed Spark Retard Vs RPM Error
Idle Underspeed Spark Advance Vs RPM Error
Idle Overspeed Spark Corr. Factor Vs MAP
Idle Underspeed Spark Corr. Factor Vs MAP
TCC Load Limits (%TPS) Vs. Speed (Low Gears)
TCC Load Limits (%TPS) Vs. Speed (4th Gear)