

C.A.T.S. Tuner ECM 9A Parameter List

(ECM Configuration File Version Q)

ECM Switch Parameters

EGR System Type (X = Back Pressure)
Error 13, O2 Sensor Diag, X=Enabled
Error 24, Speed Sensor Diag, X=Enabled
Error 32, EGR Diag, X=Enabled
Error 43, ESC Diag, X=Enabled

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
Mean Rich/Lean O2 Voltage at Idle
Rich O2 Voltage Threshold at Idle
Lean O2 Voltage Threshold at Idle
Minimum Coolant Temp. For EGR
Minimum MAP To Enable BLM
Maximum MAP To Enable BLM
Maximum RPM to Enable BLM
Minimum BLM Value
Minimum BLM Value - Idle
Maximum BLM Value
Speed To Enable Open Loop Idle
TPS to Enable Open Loop Idle
Minimum Air Fuel Ratio for Open Loop Mod
Lean Idle Air Fuel Ratio for Open Loop
EGR On, (TPS)
EGR Off, (TPS)
EGR On, (Eng Speed)
EGR Off, (Eng Speed)
EGR On, (Low MAP)
EGR Off, (Low MAP)
EGR Off, (High MAP)
EGR On, (High MAP)
PROM ID

Tables

ECM Switch Table
ECM Constant Table
Main Spark Table Vs. RPM Vs. Load
Cool Compensation Spark Vs Load
EGR Spark Advance Vs. % EGR
Power Enrichment Spark Advance Vs. RPM
Idle Overspeed Spark Retard vs RPM
Idle Underspeed Spark Advance vs RPM

Spark Timeout vs Coolant Temp.
Maximum Knock Retard Vs. RPM (In WOT)
Maximum Knock Retard Vs. MAP
Main Fuel Table, (Volumetric Eff.)
TPS Threshold to Enable WOT Mode
TPS Threshold to Enable WOT (Fast Mode)
WOT Air Fuel Ratio Vs. RPM
Open Loop AFR Vs. MAP
Pump Shot Vs. Differential TPS
Pump Shot Vs. Differential MAP
Choke AFR Vs. Coolant Temp.
Choke AFR Decay Multiplier Vs. Coolant Temp.
Open Loop AFR vs Coolant Temp.
BPW Constant Vs. Air Flow Vs. EGR D.C.
Mean Rich/Lean O2 Voltage Threshold Vs Air Flow
Rich O2 Voltage Threshold Vs Air Flow
Lean O2 Voltage Threshold Vs Air Flow
Target Idle RPM Vs. Coolant Temp.
IAC Steps Vs Coolant Temp
EGR % Vs. MAP Vs. RPM
EGR Correction Vs. Load Vs. EGR D.C.