C.A.T.S. Tuner ECM_3500 Parameter List
(ECM Configuration File Version E)

ECM Constants

Max RPM For Closed Loop Fuel
Min RPM For Closed Loop Fuel
Min MAP For Closed Loop Fuel
Max MAP For Closed Loop Fuel
Min Cool. Temp. For Closed Loop Fuel
Min MAT For Closed Loop Fuel
Max MAT For Closed Loop Fuel
O2 Sensor Rich/Lean Threshold
Power Enrich %TPS Threshold (Cold Eng)
Power Enrich %TPS Threshold (Warm Eng)
Power Enrich Fuel Min Coolant Temp.
Max Limit For MAT at Idle
High RPM ISC BP For 2nd Neg. Prop Term
High RPM ISC For 1st Neg. Prop. Term
High RPM ISC For 2nd Neg. Prop. Term
Low RPM ISC BP For 2nd Neg. Prop Term
Low RPM ISC For 1st Neg. Prop. Term
Low RPM ISC For 2nd Neg. Prop. Term
Low RPM ISC BP For Pos. Derivative Term
Low RPM ISC BP For Neg. Derivative Term
Low RPM ISC %DC Adder (Low RPM Neg Der)
Low RPM ISC %DC Adder (High RPM Neg Der)

Tables

ECM Switch Table
ECM Constant Table
Main Spark Advance Vs RPM Vs. Load
Main Fuel BPW Vs RPM Vs. Load
Crank Spark Advance Correction Vs. RPM
Crank Fuel %Multiplier Vs. Coolant Temp.
Power Enrich. %Multiplier Vs. RPM
Coolant Temp. Compensation Spark Advance
Closed Loop Fuel Correction Vs. Coolant Temp.
Open Loop Fuel Correction Vs. Coolant Temp.
Transient Cold Fuel Correction Vs. Coolant Temp.
Idle RPM Vs. Coolant Temp.
ISC Open Loop Duty Cycle Vs. Coolant Temp.
ISC Duty Cycle Correction Vs. Battery Voltage
Idle Speed Spark If Idle Greater Than Target
Idle Speed Spark If Idle Less Than Target