

EFI Dyno Tuning - Calibration Application - www.EFIDynoTuning.com

Following to be completed and signed by owner of vehicle. Accurate information is pertinent to properly calibrate the engine/peripherals. Give thorough detail when possible. If unsure of specific criteria leave the corresponding field blank.

Customer Information:

Name: _____ Date: _____
Phone#: _____ Address: _____
Email: _____ Approx. Elevation: _____

Address is only necessary for future tune updates, otherwise leave blank.

Vehicle Information:

Make: _____ Model: _____ Year: _____
Color: _____ Plate#: _____ VIN: _____
Primary Vehicle Use: (Daily , Drag , Auto-X , Leisure) Estimated Annual Mileage: _____

VIN is only required for PATS information for 1996+ model year and newer vehicles.

Engine Block & Assembly Information:

Manufacturer: (OEM, Dart, FMS, Teksid , _____) Model: _____ Yr/Cast: _____
Material: (iron , aluminum , nickel, _____) Configuration: (I-4 , I-5 , I-6 , V-6 , V-8 , V-10)
Bore: _____ Stroke: _____ CID: _____ (bore^2*stroke*#cylinders*.785396)

Rod Length: _____ Rod/Stroke Ratio: _____

Main/Rod Fastener Type & Size: (ARP 1/2 , 3/4) / (ARP SCAT 3/8 , 1/2)

Main Bore & Cam Bore line honed? (yes , no) Dampner: (OEM , ATI , BHJ , FMS , Inno-West, _____) Age: _____

Piston Type: (dish , dome , flat) C/C: _____ CR: _____ :1 Ring Gap: _____

Oil Pump & Shaft Specs: (OEM , Melling) (Stock , ARP 3/8) Volume: (Std , High-Volume)

Cylinder Head Information:

Make: _____ Model: _____ C/C Vol: _____ Gasket: (MLS , STD , _____)
Valve Size: Intake: _____ Exhaust: _____ Fastener: (ARP , FMS , _____) (Stud , Bolt) Size: _____
Spring Pressure: _____ OTS _____ TTY: (yes , no) Torque: _____
Pressure: _____ OTN _____

**list spring pressure on the seat and over the nose

Spring Design: (Beehive , Progressive , Conventional)

Camshaft Information:

Cam Type: (hydraulic roller , flat tappet , solid roller) Cam Position: (0 , -4 , 4 , _____)
Rocker Ratio: _____ Lobe Lift: .006 Dur. .050 Dur. Adv Dur. Open Close LSA Overlap
Intake _____ x _____
Exhaust _____ x _____

**for DOHC engines with independent cam specs, separate with /

Ignition/Electrical Information:

Type: (Distributor/TFI/HEI , EDIS , Points , CoP) Distributor Type & Cam Gear: _____
Spark Plug Model / Type: _____ GAP: _____ Washer Present: (yes , no , n/a)
Ignition Wire Model / Size: _____ Coil Specs: _____
Age of ECU Power and Fuel Pump Relays: _____ Base Ignition Timing: _____

**Base Ignition Timing must be 10 degrees BTDC with spout-plug removed at warm engine stabilized idle with trigger on plug #1 and dampner intact

Alternator Age and Output Rating: _____ Alternator Pulley Type: (U/D , O/D , OEM)

Transmission/Wheel Information:

Tire Size: / Z R T U W Rev/Mile:
 width aspect ratio (circle one) SIZE

If equipped with aftermarket wheels, are wheels hubcentric? (yes , no)

Transmission Type: (manual , automatic) Model: Year:

****following does not need to be completed if unmodified**

Ratios: 1st 2nd 3rd 4th 5th 6th

Clutch Type & Specs:

Driveshaft Type & Specs:

U-Joints Age & Type:

Rear Axle Gear Ratio:

Locker: (Stock, Open , Detroit , Auburn , trak-loc, welded)

Cooling System:

Thermostat Type & Temp:

Pump Type: (Electric , Mechanical) (OEM , High-Pressure)

Age of Hoses:

Reservior Size:

Radiator Specs:

W/P Pulley Type? (U/D , O/D , OEM)

Does the vehicle currently have cooling issues? (yes , no)

****vehicle can not be calibrated if cooling issues are present.**

Fan Type: (Mechanical , Electric) If Electric, Speed Type: (Variable , Dual , Dual-Fan)

Fan properly shrouded to radiator? (yes , no)

Age of ECT & ACT sensors:

ACT mount location: (manifold , inlet piping , intercooler, _____)

Power Adder Information:

Type: (None , Nitrous , Turbo , Supercharger)

Boost / HP Level:

Make:

Model:

n2o Activation: (WOT switch , manual switch)

Belt-Type / AR:

Pulley Specs:

Wastegate Specs:

BOV/Bypass Specs:

Electronic Boost Controller: (yes , no)

n2o Type: (Wet , Dry) If wet, nozzle size:

Air/Fuel Information:

Injector Size:

Manufacturer:

Impedance: (high-z , low-z)

Base Fuel Pressure:

****rwhp can not exceed the following (injector size*1.6*#cylinder) multiply by 0.8 for boosted applications (multiply by 1.1 for 50psi base fuel pressure)**

****Base fuel pressure is measured with engine at warm idle and reference line disconnected.**

Fuel Type: (Gasoline , E-85 , Methanol , Nitro , LPG/CNG , Diesel)

FMU Present: (yes , no)

Fuel Pump Size: (110 lph , 190 lph , 220 lph , 255 lph , 333 lph , _____) Type: (returnless , return)

MAF Size, Type, Model, etc... :

Inlet piping size/design/filter type:

Do you have the MAF flow bench data? (yes , no) If yes, attach to this document

Intake Manifold & Plenum Make/Model/Type/Specs:

Methanol Injection: (yes , no)

If yes, size of nozzle(s) & location(s):

Methanol Grade: (Windshield Washer Fluid , Denatured Alcohol)

****use only blue 0 degree washer fluid**

Methanol Pump Pressure:

Variable Speed: (yes , no)

****rwhp/32 typically provides adequate gph nozzle requirements; rwhp/2.8 provides typical fuel lph requirements**

Exhaust Information:

of Narrowband Oxygen Sensor(s) Present: (none , 1 , 2 , 3 , 4)

Age of sensor(s):

Is the exhaust system free of all leaks? (yes , no) Details: _____

Exhaust Specs: (Longtubes , Mid-Tubes , Shorties) (H-Pipe , Y-Pipe , X-Pipe) (Dual , Single) Pipe Size:

Description:

Signature:

With my signature I hereby declare this vehicle to be in sound mechanical operation and function. I agree to be deemed liable for all damage(s) that may be caused by my vehicle.