CUSTOM TUNING VEHICLE INFORMATION

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FORUM USERNAME [required]: OX

FULL NAME: Henry James Oxley

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POSTAL ADDRESS: 538 Challenger Wway, Jackson NJ 08527

VEHICLE YR/MAKE/MODEL: 1986 Mercury Capri 5.0

VEHICLE WEIGHT: 3280 lbs

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TUNE SERVICE TYPE [DYNO or ONLINE]: ONLINE

IS VEHICLE BEING DROPPED OFF FOR DYNO TUNE? [Y,N]: N

IF YES,

 IS VEHICLE DRIVEABLE [Y,N]: Y

 IS VEHICLE TAGGED & INSURED [Y,N]: N

 LICENSE PLATE#:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

HOW DID YOU HEAR ABOUT EFIDYNOTUNING ?: Tuned Before

REFERRER: Self

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PRE-TUNE CHECKLIST VERIFIED [Y,N]:Y

If NO, Verify the Pre-Tune Checklist (linked above) Before Proceeding!

IS VEHICLE 100% READY TO BE TUNED [Y,N]? Y

LIST ALL DEFICIENCIES OR PENDING WORK BELOW:

NONE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PCM CATCH CODE: A9L

(Ex: A9L, T4M0, AMZ1, WYN4, etc...)

PCM HARDWARE CODE:



(Ex: MPC-15C, EFI-SD48B, SA112)

PCM CONTROLLED AUTO TRANS PRESENT? [Y/N]: N, Manual T-5

TUNING DEVICE (QH,Tweecer,Xcal,HPtuner,Kess,etc...): QuarterHorse

~~SCT DEVICE SERIAL # (SCT Xcal handheld):~~

TUNING SOFTWARE (TunerPro,Sykes,Caledit,SCT,HPT,etc): Binary Editor

PRIMARY VEHICLE USE (street,strip,weekend,show,daily,etc): Street

IS THIS YOUR PRIMARY VEHICLE [Y,N]: N

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TRANSMISSION MODEL NUMBER: 1989 Stock T-5 (V-8)

Gear Ratios: 1st: 3.35 2nd: 3rd: 4th: 5th: .67 6th:

REAR WHEEL TIRE SIZE: 275/50R15

TIRE REVS/MILE: 809

AXLE GEAR RATIO: 3.27

~~TQ CONVERTER MAKE:~~

~~TQ CONV STALL SPEED:~~

~~TRANS FLUID TYPE & SPEC:~~

~~VALVE BODY SPECS:~~

~~SHIFT KIT SPECS:~~

~~LIST ANY ADDITIONAL TRANSMISSION SPECS:~~

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

INJECTOR SIZE: 47

INJECTOR BRAND: FMS

INJECTOR COLOR: ?

INJECTOR PART NUMBER:



INJECTOR PURCHASE PRICE $: $200?

VENDOR PURCHASED FROM: SUMMIT

FUEL SYSTEM TYPE [STOCK, RETURN,RETURNLESS]:

ADJUSTABLE FUEL PRESSURE REGULATOR [Y,N]: Y

AFPR MAKE & MODEL#: KIRBIN 5005

BASE FUEL PRESSURE: 65 PSI (VAC HOSE DISCONNECTED AND PLUGGED)

FUEL PUMP QUANTITY & SIZE [LPH]: IN-TANK 110 LPH-FMS

IN-LINE SECONDARY PUMP-BOSCH GFP221 (RATED 121 LPH, SUPPORTED OVER 400 HP

WITH ORIGINAL CARTECH TURBO KIT @ 110 PSI. HAVE FUEL PRESSURE GUAGE, WILL KEEP AN EYE ON IT)

FUEL PUMP BRAND AND FPDM SPECS: SEE ABOVE

FUEL RAIL SPECS: STOCK

FUEL LINE SIZE: STOCK

~~LIST ANY ADDITIONAL FUEL SYSTEM DETAILS (expand if needed):~~

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FUEL TYPE OCTANE & GRADE: SUNOCO

FUEL RON/MON (for non-USA countries): 93

FUEL QUALITY [POOR,FAIR,AVG]: FRESH 5/27/2023 (TANK DRAINED COMPLETELY PRIOR to FILL)

~~METH INJECTION NOZZLE GPH:~~

~~METH ACTIVATION TYPE OR SET PSI~~:

~~N2O Wet/Dry Shot:~~

~~N2O SHOT / NOZZLE SIZE:~~

~~N2O FUEL JET SIZE:~~

~~N2O Bottle Warmer Present [Y,N]:~~

~~N2O WOT Safety Switch [Y,N]:~~

~~LIST ANY ADDITIONAL N2O DETAILS:~~

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ENGINE BLOCK SPECS: STOCK 86 5.0 HO

DECK MIL'd ?: (if so how much mils shaved?): NO

COMPRESSION RATIO:

CUBIC INCH DISPLACEMENT/LITERS:

CYLINDER HEAD BRAND: TW

CYL HEAD PART/MODEL# :

CYL HEAD RUNNER SIZE CC:

CYL HEAD CHAMBER SIZE: 170

CYL HEADS MIL'D? : NO, NO HEAD WORK

(if so, how many mils have been shaved?):

APPROX. HOW MANY MILES ON ENGINE?: 88K

PISTON SPECS (include GAP if known): STOCK 86 FORGED

I AM ORIGINAL ONWER, ORIGINAL X-HATCHING STILL THERE



ROD SPECS: (include if ARP bolts): STOCK RODS, ARP BOLTS

Fully Forged Rotating Assembly ?: NO NEW ROD/MAINBEARINGS, CRANK POLISHED

BILLET OIL PUMP GEARS [Y,N]: STOCK NEW FORD PUMP

LIST ANY ADDITIONAL ENGINE BOTTOM END SPECS:

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POWER ADDER TYPE [Turbo,SC,n2o]:

TURBO/SC MAKE/MODEL#:

TURBO SIZE & AR / PULLEY SIZE:

LOWER PULLEY SIZE:

#s BOOST MAXIMUM:

BOOST CONTROLLER PRESENT [Y,N]:

BOV/BYPASS LOCATED BEFORE OR AFTER MAF?:

LIST ANY ADDITIONAL POWER ADDER DETAILS:

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EXHAUST HEADER TYPE [LONGTUBES/MID/SHORTY]:

EXHAUST CROSSOVER TYPE [X,H,Y-PIPE]:

EXHAUST PIPE SIZE, SPECS, & COMMENTS:

WIDEBAND MODEL AND PART #:

WIDEBAND WIRED IN TO PCM EGR INPUT? [Y,N]:

\*\*\*IF YOU HAVE YOUR WIDEBAND TRANSFER, LIST HERE OR ATTACH BELOW

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ELECTRIC FANS PRESENT [Y,N]:

HIGH AND LOW WIRED TO PCM:

COOLANT THERMOSTAT TEMP:

AIR CHARGE TEMP SENSOR LOCATION:

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MASS AIR FLOW SENSOR TYPE:

MAF TUBE/HOUSING SIZE:

MAF/INLET PIPING SIZE:

IS MAF CALIBRATED FOR AN INJECTOR SIZE [Y/N]:

 IF YES,

 MAF CALIBRATION SIZE:

 MAF CALIBRATION VEHICLE:

 MAF CALIBRATION CURVE [Ex: GT,COBRA,SC,etc...]:

MAF BLOW-THROUGH or DRAW-THROUGH:

\*\*\*IF MAF FLOW SHEET IS AVAILABLE, LIST HERE OR ATTACH BELOW\*\*\*

LIST ANY ADDITIONAL MAF NOTES/COMMENTS:

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THROTTLE BODY MAKE & PART NUMBER:

THROTTLE BODY SIZE:

INTAKE MANIFOLD SPECS:

LIST ANY ADDITIONAL INTAKE SPECS:

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CAM BRAND AND PART NUMBER:

Intake Lift: Duration: Centerline:

Exhaust Lift: Duration: Centerline:

Rocker Ratio:

PREFERRED IDLE RPM:

DESIRED REV-LIMITER RPM:

\*\*\*IF CAM CARD IS AVAILABLE, ATTACH FILE AT BOTTOM\*\*\*

LIST ANY ADDITIONAL CAMSHAFT COMMENTS:

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IGNITION COIL SPECS:

IGNITION COIL TYPE [CoP,COIL PACKS,1 COIL]:

DISTRIBUTOR BRAND & PART NUMBER:

SPARK PLUG BRAND, PART #, and GAP:

SPARK PLUG WIRES, SIZE, BRAND & AGE:

IGNITION BOX TYPE & AGE:

\*\*\*BASE IGNITION TIMING MUST BE 10 BTDC ON DISTRIBUTORS\*\*\*

IS BASE TIMING AT 10 dBTDC [Y,N]?:

LIST ANY ADDITIONAL IGNITION DETAILS:

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QUICK CHECK LIST:

HOW MUCH OIL DOES ENGINE BURN? :

AGE OF FUEL FILTER :

AGE OF SPARK PLUGS:

AGE OF CAP AND ROTOR:

AGE OF PLUG WIRES:

AGE OF AIR FILTER:

AGE OF O2 SENSORS:

O2 LOCATED BEFORE OR AFTER TURBO:

WIDEBAND LOCATED BEFORE OR AFTER TURBO:

EXHAUST SEALED W/ NO LEAKS? [Y,N]:

WHAT IS BASE TIMING SET TO (dBTDC):

FIRING ORDER VERIFIED [Y,N]:

LIST ANY ADDITIONAL VEHICLE DETAILS/COMMENTS/NOTES BELOW:

(EXPAND THIS SECTION IF NEEDED)