

REQUEST FOR FLOW TEST AND CALIBRATION OF FUEL INJECTION UNIT

Kinsler Fuel Injection

PLEASE PRINT

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Troy, Michigan 48084 USA
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- 1) Owners name: _____ Date: _____
It is **important** to have the owner's name. All flow data is filed under the owners name and the date the system is flowed.
- 2) Return to: Name /Company: _____
Street: _____
City: _____ State: _____ Country: _____ ZIP: _____
- 3) Phone (area code) and number: Work: (_____) _____
Home: (_____) _____ Fax: (_____) _____ Email: _____
- 4) Date you will need unit: _____ Note: If this is to be a priority air freight shipment, call before sending unit. Fast delivery may be available at special time and a half labor rates.
- 5) If flow tested by us previously: Owner's name _____ Flow test date _____
- 6) Make of unit: _____ Throttle bore size: _____
- 7) Where will your throttle linkage attach to the manifold: _____
- 8) If the unit was run on the engine specified, leave the jet in the jet can that it ran best with and record the following information: Main jet diameter: _____ Secondary pressure: _____
High speed pressure setting: _____ Highspeed jet size: _____ Barrel valve leakage: _____
- 9) Type of fuel: _____ If Nitro, percentage: _____
- 10) Type of Racing: _____ Drag Race: Track 1/8 / 1/4 mile Class: _____ Asphalt / Sand Past ET: _____ MPH: _____
_____ Oval Track: Track length _____ Class: _____ Asphalt / Dirt
_____ Road Racing: Class: _____ Car make & style: _____
_____ Pulling: Tractor / Truck 2 / 4 WD Class: _____
_____ Boat: Hull style: _____ Drive style: _____ Class: _____
- 11) Approximate altitude (actual elevation) vehicle will operate at: _____
- 12) Weight of vehicle: _____
- 13) Type of transmission: _____ Style of converter or clutch: _____ Stall Speed: _____
Trans Brake: _____ If drag race, do you stage the vehicle from wide open throttle with the brake or rev. limiter: _____
Min. Operating RPM seen under racing conditions: _____
- 14) Type and style of ignition/distributor: _____
- 15) Fuel tank/cell location: _____
- 16) Do you run water in the block: _____ In the heads: _____

17) Engine Make: _____ Cylinder head make and model: _____ # of cylinders: _____
 Actual cubic inches: _____ Comp. Ratio: _____ Min. & Max. RPM: _____ / _____
 Bore: _____ Stroke: _____ Deck height: _____ Connecting Rod length: _____
 Piston rings (circle type): Standard tension , Low tension , Gapless Crankcase windage: Std. , Low , Dry sump
 Camshaft specifications: Hydraulic / Mechanical / Roller: _____ Rocker ratio: _____ INT _____ EX
 Duration advertised: _____ INT _____ EX Duration @ .050" lift: _____ INT _____ EX
 Lobe lift: _____" INT _____" EX Valve Lash: _____ INT _____ EX
 Lobe separation: _____ Intake lobe installed position: _____

INFORMATION NEEDED BY KINSLER TO COMPUTER MODEL YOUR ENGINE

Cylinder head flow with intake: _____ CFM @ _____ inches of water Intake manifold runner length: _____
 Intake valve dia.: _____ Head intake port length: _____ Port dimensions or volume: _____
Note: If you have CFM information at every .100" please provide the flow numbers on a separate sheet.
 Head intake port flow _____ CFM @ .500" or .550" valve lift (circle which one) @ _____ inches of water
 Head exhaust valve dia.: _____ Head exhaust port length: _____ Port dimensions or volume: _____
 Head exhaust port flow _____ CFM @ .400" or .450" valve lift (circle which one) @ _____ inches of water
 Header style: _____ Primary tube inside diameter: _____ Primary tube length: _____
 (If stepped header) Secondary tube inside diameter: _____ Secondary tube length: _____
 Collector length: _____ Collector tube inside diameter: _____ Mufflers: _____

18) If Blown: Blower size: _____ Drive ratio: _____ Max. Boost: _____
 Intercooled: _____ Anticipated Charge Air Temp: _____

19) Nitrous oxide: Specify enrichment fuel for nitrous: _____ (gasoline/methanol) H.P. rating of system: _____

- 20) Send to us:
- a) Manifold assembly with nozzle hoses and nozzles.
 - b) Fuel pump; leave the fittings in it. **Pump drive is not needed unless service work is required.**
 - c) Jet cans, high speed by-pass, shut-off and fuel filter. (leave by-pass valves with jets in them as specified in step #8)

Do Not Send: Fuel tank or general plumbing hoses.
 Ramtubes, but do make a note of their length: _____ "
 Front cover, drive spud, pump pulley-drive assembly, (unless service work is required on these items).

Do Not Put Tape over any fittings.....it turns to goo !!!

- 21) Wrap the unit very carefully in crumpled up newspapers; at least three inches all around the unit.
- 22) UPS is the best method of shipping. Truck or Air Freight is O.K.
 Please insure your equipment for the proper replacement value. **Do Not Ship by Bus.**

ADDITIONAL COMMENTS: