



Luoma Engine Project

Engine

- 104mm bore block with Darton MID sleeves 2.7 liter displacement
- Wossner custom pistons 8:1 compression ratio
- Stock rods checked for fatigue and straightness
- Crank, rods, pistons, flywheel and pressure plate balanced (pistons and rods balanced to .1 grams)
- Rod and Main bearings treated with antifriction coating
- Cylinder head rebuilt (new guides and seals and competition valve job)
- Cometic MLS head gasket
- ARP head studs
- New seals and gaskets throughout engine, new races for balance shafts, crank shaft and cam shaft
- New water pump, roller and tensioners and timing and balance belts
- Custom (Speed Force Racing) intercooler pipes with Tial blow off valve
- Custom (Speed Force Racing) intake pipe and K&N filter
- 60-1 To4e stage 3 8cm hotside Turbo
- Tial 35mm Wastegate and adapters

Engine Management

- Electromotive TecS Engine Management System
- Custom trigger wheel, Crank sensor bracket, TPS adapter, Cam sensor, coil bracket
- Custom wiring harness
- Terminated Plug Wires w/ correct ends for coil pack
- 72 lb Siemens Fuel Injectors
- Manual Boost Controllers
- Prosport Premium Boost gauge with memory and alarm
- Prosport Premium Wide Band AFR gauge with memory and alarm (interfaced with TecS)
- Custom fit Gauge panel

Misc Work

- Battery Area rust hole repaired
- New Battery
- Intake manifold refinished
- Cam housing machined and refinished
- New Vacuum lines
- Replaced failed Idle Air Motor
- Added O2 sensor bung for Wideband Sensor
- Cam belt housing refinished
- Heater hard pipe and coolant pipes refinished
- New coolant hoses
- Repair / weld rattling heat shields
- Initial oil change after start up and run in.

