Larry Houle TC engine upgrade VIN# ZC2FP1100KB204213 89 common block – swirl head A413 automatic transmission

APRIL 2019 ENGINE SPECS:

K&N air box size air filter 180 degree Thermostat with 1/16 hole at 12 o'clock Spark plugs - NGK-GR5 spark plugs Magnecore 8.5 wires larger oil filter M1-204 instead of M1-102 Under drive pulley

Glow Shift Boost Gauge installed and operational in dash model# GS-C701 Black 7 Color series -30# to +30# boost gauge

Autometer Wideband Gauge installed in dash but not operational yet

model# 3379 Digital Wideband Air/Fuel Gauge

50% larger aluminum radiator from Turbos Unleashed AC deleted

RTV valve cover baffle Teves ABS deleted

2 1/2 cat back exhaust (stock goes down to 1 7/8")

stock 2 1/2 swing valve

stock 2 1/2 down pipe

stock fuel filter

stock BOV plastic inside airbox

stock fuel pump

stock infeed fuel line - stock return line diameter

stock map sensor 2-bar

stock injectors

stock 48 mm throttle body

stock T2 intercooler

stock T2 infeed manifold

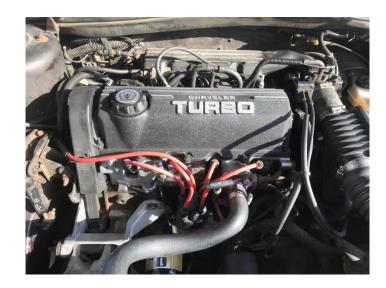
stock T2 exhaust manifold

stock Garret T2 turbo

Dodge Daytona 174 HP SMEC

(not the stock TC SOHC SMEC is only 165)







AUGUST 2019 UPGRADED ENGINE SPECS (items marked ** are the same as before)

- ** 180-degree Thermostat with 1/16 hole at 12 o'clock
- ** Spark plugs NGK-GR5 spark plugs
- ** Magnecore 8.5 wires
- ** Larger oil filter M1-204 instead of M1-102
- ** Under drive pulley
- ** Glow Shift Boost Gauge installed and operational in dash model# GS-C701 Black 7 Color series -30# to +30# boost gauge
- ** Autometer Wideband Gauge installed in dash model# 3379 Digital Wideband Air/Fuel Gauge
- ** 50% larger aluminum radiator from Turbos Unleashed
- ** AC deleted
- ** RTV valve cover baffle
- ** 2 1/2 cat back exhaust (stock goes down to 1 7/8")

Teves ABS and wiring harness deleted

3" swing valve

3" down pipe

PT Cruiser lifters and spacers

Grainger valve (wide open about 20 psi)

TB1 camshaft from 89 Sundance

Talon BOV modified per Donovan's Dodge Garage

Mountain Dew Oil catch can with K & N 1 1/4" Crankcase Vent Filter 62-1390

Walbro In-Tank 255 "High Pressure" Fuel Pump

infeed fuel line one diameter size larger (3/8" instead of 5/16") - Return line stock diameter

3/8" main fuel line from The Right Stuff EGL8801 (EGL8802 EGL8803)

3-bar MAP sensor from Fwd Performance part # FWD 5-0138 (GM)

Super 60 +40 fuel injectors

52 mm throttle body from 88 3.0 V6 Dynasty

CXRacing IC0014 Intercooler 29" x 8" x 3.5" 2.5" inlet/outlet

Two-piece ported infeed manifold

Cast Iron Hybrid Header from Turbos Unleashed with Thermal Coating Zirconium Oxide-92%, Yttrium Oxide-8%

TU Hybrid T3/T4 Trannybuster E Style Turbo from Turbos Unleashed

Compressor Wheel Trim 50-trim (47Lbs/min)

Turbine Wheel Size: Stage 2 Turbine housing .63 A/R

K&N 3' cone air filter with flexible intake tubing

Boost Button flashable SMEC

Vacuum block manifold

Powder coated A/C delete bracket

Trick Flow inline fuel filter TFS-23000

Oil pickup size increased per Donovan's Dodge Garage























