

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

