

MY 1965 MUSCLE MUSTANG

Street Legal

04/14/2012

1965 Mustang Coupe

license plate: 65GT500 (PA)

Engine build: March 2012

ENGINE

Engine block: Dart SHP w/4 bolt mains, 8.200" deck, bronze lifter bores

- bored +.030", w/Eagle 4340 forged crank & 347cid Stroker kit - Eagle "ESP" forged steel H-beam rods
- balanced: Internal
- pistons & bearings: CP custom dome - 13.3:1 @ 60cc cylinder head. ACL Race Series performance brngs.
- rings: Total Seal® custom - .043" chrome moly (top) / .043" (center) / 2mm oil - file fit
- cam: Bullet Racing Cams, roller @ custom ground temp. steel billet, duration @ .050": 255/263 degrees (int./ex.) - .668"/.668" lift - 108 lobe separation. Comp Cams® Elite Race™ solid lifters
- oil pump: Melling Performance, high volume / pressure
- oil pan: Moroso 8 quart (front sump) w/Mobile 1 @ 10W30 with ZDDP (zinc dialkyl dithio phosphate)

CYLINDER HEADS

- Trick Flow® - T61 Aluminum, 185 CNC-Ported Twisted Wedge®
- valves:
 - 2.02" intake - stainless steel / high flow
 - 1.60" exhaust - stainless steel / high flow
- rocker arms: Jesel® Sportsman® 1.6 ratio
- valve guides: bronze phosphorous, valve seals: Viton™
- valve springs: K Motion dual w/titanium retainers, spring pressure: 255# closed / 650# open (int. & ex.)
- push rods: 3/8" one-piece moly (Manley) w/push rod bore liners

ASPIRATION

- intake manifold: Victor Jr. aluminum - ported, modified plenum, polished
- carburetor: BIGS PERFORMANCE 850cfm, stage 7 w/billet base & blocks - HP main body, alum. bowls
 - mechanical secondary's
 - double pumper @ 30cc's
 - dual feed with Wilson 1" variable radius taper carburetor spacer #004110
- fuel system: Aeromotive Stealth - return style w/Aeromotive fuel log, pressure regulator & inertia switch
- 2-stage fuel filtering system, March air filter, billet aluminum w/chrome finish (Revolver Series)

IGNITION

- MSD-6AL Digital (multiple spark, inductive discharge)
- ignition coil: MSD #8253 Blaster HVC-2, 44,000v
- distributor: MSD Ford Billet #8582, advance curve locked-out @ 34.5° BTDC
- spark plugs: AR3933 Autolite racing @ .035"
- plug wires: MSD red, 8.5mm super conducting (Kevlar™)
- battery: Optima Red™ series, 950 CCA, with latch/unlatch solenoid (remotely operated)
- battery cables: 1 gauge

EXHAUST

- headers: Hedman, ceramic-metallic coated
- custom welded & multi-flanged 3" dual exhaust & dual 3" electric cut-outs (remotely operated)
- mufflers: Flowmaster single-stage, 10 series
- all joints & hangers: TIG welded

COOLING

- Edelbrock water pump, high volume, aluminum, polished
- Mattson custom radiator, horizontal flow/double pass with 1-off belt drive "puller" electric fan (Spal)
- temperature switch: water pump mounted @ 185° w/soft-ramp drive
- March aluminum pulleys, polished/clear powder coat

CLUTCH, TRANSMISSION & DRIVESHAFT

- transmission: Ford T5, 5 speed manual @ 2.95 / 1.94 / 1.34 / 1:1 / .59, modified with G-Force Synchro Pro gear kit (Hanlon Motorsports) & 1 1/16" x 28 spline input shaft
- bell housing: Lakewood scattershield
- shifter: Pro – 5.0, short throw, competition
- clutch: hydraulic (Modern Driveline) w/Ram Race 10.5" disc & diaphragm pressure plate
- release bearing: Ram Race, roller
- driveshaft: Strange 3" w/1350 U-joints & custom front driveshaft loop

DIFFERENTIAL

- Strange 9" posi-traction S series nodular w/Daytona support, 373 gears & 31 spline axles
- traction bars: CalTracs (Calvert Racing)

BRAKES

- front disc: 1977 Ford Granada w/cross-drilled directional rotors
- rear drum: 11" x 2.5"
- brake fluid: Silicone DOT 5

SUSPENSION

- springs: CA front coil, 3" over stock height, w/polyurethane perches & 1" tall polyurethane coil insulators
- rear: CalTracs performance mono-leaf w/polyurethane bushings
- steering: rack & pinion (manual) w/polished stainless steel steering column (Flaming River®)
- shock absorbers: Monroe Gas-Magnum™
- subframe connectors: Global West™, welded
- adjustable upper control arms w/dropped pivot shaft (Total Control Products)
- lower control arms (Total Control Products)
- front strut rods, adjustable (Global West Suspension)

WHEELS/TIRES

- wheels: front = Weld Rodlite @ 15" x 4" w/1.875" bs rear = Weld Rodlite @ 15" x 8" w/4.5" bs
- tires: front = MT S/R radial @ 26 x 5 x 15 rear = MT ET Street Radial @ 255/60/15