

**E85**

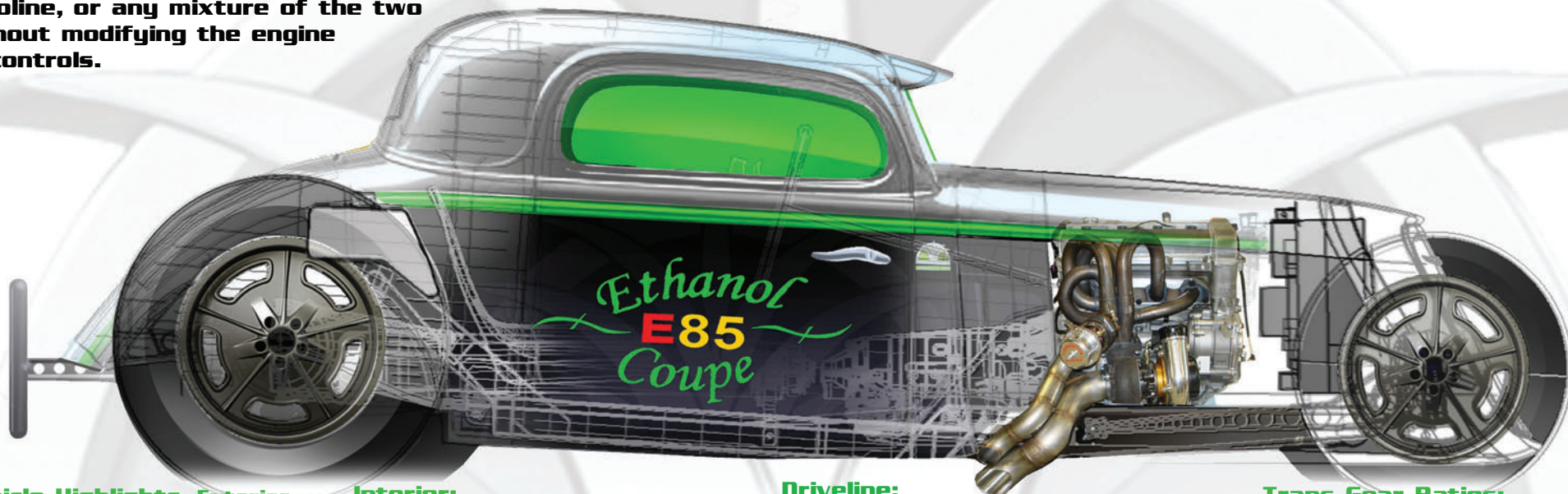
*Flex Fuel Hot Rod*



# GM Performance Division - Leading the Way in E85 Ethanol Fuel Performance

After setting the first ever SCTA (Southern California Timing Association) land speed world record while using E85 ethanol fuel at the Bonneville Salt Flats 2006 Speedweek event in the G/FCC class, GM Performance Division is again leading the way in E85 ethanol fuel performance. This time their green efforts focus on a '34 Chevrolet Coupe powered by a Turbocharged 2.2L ECOTEC Flex-fuel engine making 525+ horsepower.

With the ongoing advancements in ethanol production, including cellulosic methods, GM Performance Division looks to up the ante with their bullet-proof ECOTEC engine. In doing so, they created a unique Flex-fuel capable, turbocharged engine combination which allows them to utilize E85, gasoline, or any mixture of the two without modifying the engine or controls.



## Vehicle Highlights: Exterior

- Body - 1934 Chevrolet Coupe - Chopped 6" - Channeled 4"
- Custom Paint - Sherwin Williams Planet Color
  - Silver - "Harvick Silver"
  - Green - "Mountain Magic"
  - Black - "Deep Palm"
- Custom Green "Goblyn" Tinted Glass
- 10" Truck-Inspired Head Lamps

## Vehicle Dimension:

- Wheel Base - 119"
- Front Track - 57.5"
- Rear Track - 65.5"

## Interior:

- Race-Inspired Custom Formed Aluminum Seats - Aged Leather Trim and Pads
- Custom Milled Oversized Shift Lever
- Original 1934 Door Handles on "Suicide" Type Doors
- Exposed Prop Shaft
- 13 Gallon Custom Fitted Fuel Tank

## Rims and Tires:

- Budnik Custom Designs - 18" X 5" Front - 20" X 6 1/2" Rear
- Excelsior Racing Tires - 4.75/5.00 - 18 Front 6.00/6.50 - 20 Rear

## Driveline:

- 2.2 ECOTEC Engine - Production-Based
- 525+ H.P. @ 6400 R.P.M.
- 435 ft-lbs @ 6400 R.P.M.
- Turbonetics T35 Ballbearing Turbocharger, Wastegate and Intercooler
- GM Racing Intake Manifold - P/N - 88958629
- 160 Lb. E85 Compatible Fuel Injectors
- GM Racing Camshaft - P/N - 88958648
- Custom Fabricated Exhaust Header
- 5L50E Transmission
- Torque Converter from Solstice GXP (258 Dual)
- Winters Quick Change Magnesium Differential - 5.20:1

## Trans Gear Ratios:

- First: 3.419
- Second: 2.215
- Third: 1.60
- Fourth: 1.0
- Fifth: 0.751

## Associated Sponsors:

Turbonetics, Budnik Wheels, Stewart Warner Gauges, Sherwin Williams Planet Color, Akzo Nobel, Experi-metal Inc., Flaming River, Eagle Ottawa Leather, NGK Sparkplugs

