People always ask what inspires our builds and what exactly the MAGStang is.

To explain it simply, it’s a “backdate” of a modern Shelby GT500 with our classic inspired widened carbon fiber body. Backdating refers to bringing a retro design to something new and modern. In this issue we can explore our backdating concept further and get into the details of our production vehicles.
OEM FRAME

WHATS REALLY UNDER ALL THAT CARBON FIBER

The misconception begins with the notion that our vehicles are resto-mods or pro-touring version of the original 67 built on that old OEM frame work. What we actually do is the complete opposite. We begin with the new OEM frame work. An actual VINed Shelby GT500 with 50 years of technology and R&D behind it with superior assembly processes as well as materials and metals. The backdating process begins with the new frame adapted to receive some of the OEM 67 frame components from entirely new stock, including a partial 67 Dash panel and cowl. Proprietary attachment points are welded to attach the new carbon fiber body panels.

The completed welded and seam sealed chassis then begins its reassembly process and new life as a backdated modern chassis.

RETRO INSPIRED BODY

IN ALL ITS CARBON FIBER GLORY

Our carbon fiber classic inspired body restyles the 67-68 Shelby GT500 with some modern lines and aesthetics, but more importantly it is created slightly wider to fit the wider track of the modern S197 Shelby GT500 while maintaining the proportions and stance of the original classic. That is the unique aspect of our production vehicles and it is a great compliment that most do not realize it is not an actual classic.
FAB WORK

WELL IT’S FABUOLOUS

Fabrication is the name of the game in our builds. Almost every part is custom made. Over 300 in all. Some are 3D Printed, some fabricated out of steel and some modified from the originals. All made to work between the new frame and old style body.

Bringing aerospace engineering aspects to a classic design is our secret sauce. For example the classic 67 cowl is redesigned as a heat extractor to help cool the engine compartment from the engine supercharger producing over 700HP. The vent was redesigned to become a venturi flow heat extractor much as an aerospace pump or wing design. One of the many specialty engineered design aspects of the MAGStang. We will showcase more in future newsletters.

DRIVE TRAIN

COMPONENTS

“So what kind of motor you got in there?” A common question we should get used to by now. A stock 2014 Shelby GT500 Aluminum 5.8L Supercharged 662HP with the OEM transmission, OEM differential, OEM computers, OEM electrical. While the actual details on all of these parts is impressive, what is more so is the fact that these are tried and tested FORD OEM components made to work perfectly in the OEM chassis and computerized for all sorts of important functionality. Traction control and launch control on the differential, ABS for the brakes, Advanced Fuel system, and what no one seems to consider is the modern exhaust with catalytic converter and emissions control.

Brakes are typically rated these days by size of the rotor and pistons on the caliper. Sure you can throw big brakes on a resto-mod, but have you considered what ABS and cornering control can do for you? How about the fact that modern brake systems are perfectly balanced for the vehicle so you don’t have differential wheel lock at hard braking or cornering? Ford has done all of this on and off the track with a million proven miles before they put their cars on the road. Our vehicles retain these features, advances and components and if you are a hard core enthusiast that enjoys top of the line upgrades we can add any number of modern performance options available for the modern chassis and components. It is surprisingly easy to upgrade this car to 700+ HP and still retain excellent drivability.
Typically you would be lucky to add an aftermarket radio with a few cool features to a classic car, but for the MAGStang it was more about which features could be kept rather than added. OEM modern electronic climate control? Sure. NAV, Bluetooth, Satellite radio, steering wheel controls? Absolutely. Track apps at your fingertips, cruise control, intermittent wipers (another MAG Motors innovation, making classic wipers work with a new motor in a completely different location than OEM). Auto headlights, dimming rear view, push to start and power everything. Airbags, seatbelt retractors, customizable led lighting, door puddle light and door sill lighting. All of these things we may take for granted in our daily drivers.

OBDII access for code readers, auto sensing door locks, plush Italian leather and alcantara appointments, and the list goes on.

Our next newsletter will feature our newest client build and some unique features being developed to make it one of the coolest backdate Shelby GT500 MAGStang.
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