## RACTPRAT?

## FRONT3IDE

Editorial >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> 04
| pledge allegiance to horsepower and drag racing
Donut Hole $\ggg \ggg \ggg \ggg \ggg \ggg \ggg \ggg \ggg \ggg>$ 㫙
The only constant is change
New Products >>>>>>>>>>>>>>>>>>>>>>>>>>> 08
The latest and greatest go-fast goodies
Blue Dval News >>>>>>>>>>>>>>>>>>>>>>>>>>>>10
Exciting stuff for the Blue Oval faithful
Rumors >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>12
Rumblings from our comer of the world
Spotight >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> 20
Adam Arndt
TECH \& FEATURES
Teed Up >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> 24
First Look: Vortech Ti makes $1,059 \mathrm{hp}$
Slip Slidin' Away >>>>>>>>>>>>>>>>>>>>>>>>>>>34
The voodoo on how torque converters work
Learning the hard way >>>>>>>>>>>>>>>>>>>>>>44
Tony Whetstone's Spring Ereak Shootout machine makes laps
PACE COVEAAGE
NMRA after-hours and off-track >>>>>>>>>>>>>>> 52
Granatelli Motor Sports 5.OL shootout >>>>>>>>> 56
MM\&FF All-Female Shootout >>>>>>>>>>>>>>>> 58
Presented by Poyal Purple
Class Coverage >>>>>>>>>>>>>>>>>>>>>>>>>>> 62
Fom SO to SST
Car Show Coverage >>>>>>>>>>>>>>>>>>>>>>>>> 94
Cool Rides from Ohio >>>>>>>>>>>>>>>>>>>>> 98
Stat Line >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> 100
REAREND
Ad Index >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> 108
Support those who support us
The Info Page >>>>>>>>>>>>>>>>>>>>>>>>>>>>109
411 on the key peeps
Rewind >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>110
Ten years ago in the wayback machine
"If you had told me, last year, that I'd be number one qualifier at my second event of the year, I'd have blown you off. " - Adam Arndt

## > ${ }^{\text {P Adam Arndt }>\text { page } 20}$



SINGLE DIGIT DROP-TOP 44


## AUTO-MAGIC

 34THE SECRET BEHIND MAKING COMPETITION TORQUECONVERTERS


NOPWALK NOVICES 52
THE 10TH ANNUAL NMRA FORD NATIONALS FROM NORWALK RACEWAY PARK
$\gg$ an the cover king nelsonthefrst-evoution performancedominateo
THE GRANATELL MOTTRSPORTI 5. OSHOOTOUTAT NORWALKANOSET THE STANDARD BYwHCHALLOTHERSAREJUDGEDWTHAN 8.46 E.

# LEARNING THE HARD WAY $\gg$ TONY WHETSTONE'S SPRING BREAK SHOOTOUT MACHINE MAKES LAPS 



Tallahassee, Florida's Tony Whetstone has looked at the racing calendar every year since the mid-1990's and circled one event-the Spring Break Shootout, held at Bradenton Motorsports Park. As part of the NMRA's seasonopening event, it draws some of the country's heavy hitters to the legendary track in March. Many of the NMRA's longtime competitors got their start in the event and have progressed to populating the heads-up classes today.
Whetstone's gorgeous blue turbocharged '88 GT convertible started in speed contests the way so many of us have-on the street, in unsanctioned "events" with other local gearheads. "The car started out very slow. The first year down there, I want to say the car was running somewhere around the 14.80 's-the carwas worse than a stocker was. Before I even went to the track with this car, I used to street race it. One day, going down the road, the crankshaft broke in half. I didn't know anything back then, and had a local shop rebuild the engine-they picked out a B303 camshaft and a set of low-compression pistons," he explains.
As you might imagine, the performance wasn't exactly up to par. He continued, "So then I take it to the track and it's running 15.20's and. 30 's. After a swap to an E303 cam and 70 mm throttle body, I managed to get it back down

## "The car started out

 very slow. The first year down there, I want to say the car was running somewhere around the 14.80 's."into the 14.50 's on the engine." Back then, Whetstone was a big proponent of nitrous oxide, installed a system on the car and got it into the 13.80 's, and that's how he got his start at the track.

He purchased the car in December of 1990 , when it was only two years old, and since those early days of running at the back of the pack, the car has undergone a number of

WHO HE IS $\gg$ Veteran TREMEC True Street and Spring Break Shootout racer:

WHY YOU SHOULD CARE $\gg$ Because he is still having fun with his Mustang even after owning it for 23 years!

tony whetsione


# "It's always been 

 the 'Mustang thing' to go quicker, and I just tried True Street since it was part of the Spring Break Shootout.serious transformations-as has the Spring Break Shootout class and True Street in general. After a number of years on the bottle, and even toy ing with a 351-cube engine, he made the decision to jump on the supercharger bandwagon, and installed an S-Trim Vortech on it in 1999 and had it tuned by Chris Johnson of JMS Chip.

But the car wasn't really built with any particular class in mind; Whetstone was just in search of quicker elapsed times and more fun for himself while behind the wheel. "It's always been the 'Mustang thing' to go quicker, and I just tried

True Street since it was part of the Spring Break Shootout. I had tried True Street a couple of times with Fun Ford Weekend, but it was just never that great. It was the appeal of the Spring Break Shootout that kept me coming back to True Street. I had another car, a 2002 Mustang, that was buit for the old Fun Ford Street Stang class, but this car has always been more about having fun with what I can afford," Whetstone says.

The combination in the car today is deceptively simple. A couple of years ago, when he ran into another gearhead that
had recently purchased a $B \& G$ turbo kit for his Mustang, Whetstone saw the finished product and was immediately hooked. He explained, "On the stock engine his car made a little bit more than 400 to the tire on only 10 pounds of boost, and that's when I realized I had to have one. I like this setup the best. The power it makes versus the blower is nice," Whetstone explained. When it came time to select the powerplant for the current iteration of the car, he went straight to the wiza rds at Proline Race Engines in Georgia for the 331-cube small-block Ford.


## tony whetstone

As the Spring Break Shootout has always been the traditional kickoff of the Mustang racing season, Whetstone always had that in the back of his mind during the winter. "I've always tried to make the Shootout. It's always been my biggest goal. If it was the only race I made all year, that's what I was shooting for. Every year, I was a second behind the bump spot," he said.

Not anymore, as during this year's running of the event he qualified sixth for the Spring Break Shootout by turning in an awesome 9.248 three-run average during Saturday's True Street festivities. On Sunday he faced off against Burt Greiner in the first round in what should have been an easy victory, as he had qualified a second-and-a-halfquicker than Greiner on Saturday, but as the saying goes, that's why we race 'em on Sunday. "I made a test pass Sunday morning and encountered some pretty bad tire shake. Ithink it started twisting the output shaft, as on my first round run against Burt it snapped the shaft in half and broke the AOD bellhousing. We've since put in a hardened shaft from a 4R70W-the one that broke was a standard A0D output shaft. Yes, you read that correctly. This street car still has an AOD transmission complete with lockup torque converterthere's no Turbo 400 or Powerglide crossbreed inthis baby. A simple 13-year-old Performance Automatic manual valve-


48 RACE PAGES |OCT. 13
tony whetstone
body controls the fluid direction, and he relies on a lockup PTC converter to transfer the power.

It's a real street car that he takes out of the garage as often as possible, but it's been a long road to get the performance of the car to where it is today while remaining fully streetable. "The biggest advance that I think I've made is learning the car. Figuring out all of the little bits to it; what's a good radiator, what's a good tune, things like that. Back in the day, nobody cared about drivability, but I think today we've got the best of both worlds. I'm also running the XFI 2.0 , which I installed in 2009 when I put the turbo on the car. It's easy to use; once it's set up, it's pretty much done as far as the street tune goes. The rest is just figuring out how to drive it at the track," he explained.

Last season he made the decision to change over to E85 fuel, as well. "I was running VP110 in the car, which is about eight dollars a gallon, and the E85 is about $\$ 3.26$ a gallon right now. It's about twenty cents a gallon cheaper than regular 87 octane here," he said. While E85 typically takes a lot more fuel to produce the same amount of performance, Whetstone's machine hasn't seemed to skip a beat. In fact, he told us that the car used about the same amount of fuel on the True Street cruise this year on the E85 as it did last year running the VP fuel. One thing he did in particular to try
 to minimize the amount of fuel consumed during the cruise was to make sure he was running up front during the tour in an attempt to induce steady-state cruising rather than the "rubber-band" effect that can happen when 110 cars are trying to keep pace with one another over a 30 -mile drive.
"lve tried all three power-adders, and for True Street, it has to be the turbocharged combination I like the best. It makes so much power, but drives so stock. When you drive around and you're not in boost, it just drives like a normal car," says Whetstone. As the turbo in the car recently bit the dust, he's got an $\$ 480$ on order that's expected to pick the car up another 200 horsepower to the tires, but the cage is only good to 8.50 's, so he'll be on the edge of what's doable with it. The plan is to lower the launch RPM and just drive the car harder out the back door.

He's also picked up another car for his son Andrew-a '90 GT that has gears, exhaust, and a couple of other things done to it so far-but that's just the beginning. "My goal for next year, if it all works out, is to have his car running in the tens also, so that we can both run in the Spring Break Shootout," Tony explained. To our knowledge, the father/son tandem in the SBSO would be a first, and one we're pulling to see! $\quad$
> "The E85 is about $\$ 3.26$ a gallon right now. It's about twenty cents a gallon cheaper than regular 87 octane here."


| Driver/Owner: | Tony Whetstone |
| :---: | :---: |
| Hometown: | Tallahassee, Florida |
| Car: | 1988 Mustang GT Corvertible |
| Class: | True Street |
| Car Weight: | 3,390 pounds |
| Chassis Modification: | Wolf Roll Cage and Thru-Floor subframe connectors |
| Chassis/Roll-Cage Builder: | Cartion Thompson |
| Engine: | Ford 302 |
| Total Displacement: | 331 |
| Builder: | Proline Facing |
| Block: | Ford Pacing Boss |
| Crankshaft: | Eagle 43403.250 Stroke |
| Rods: | Eadle H-Beam 5.400 |
| Pistons: | Diamond |
| Cylinder Heads: | TFS Twisted Wedge Heads CNC 205 |
| Camshaft: | Crane .595/.595 lift .262i/.260e duration@ 050 Hyd Roller |
| EFI System: | Fast XFI 20 |
| Intake Manifold: | Edelbrock 5.0 Vic J. Intake |
| Power Adder: | PT 76GTS Turbo |
| Ignition System: | MSD Digital 6-HVC2 Coil |
| Fuel System: | Magrafuel 4303 Pump and Regulator - 10 feed, -8 return, E85 $160 \#$ injectors |
| Headers/Exhaust: | B\&G Turbo Headers - 3.5" <br> Downpipe to Magnailow 3.5" <br> Bullet muffler |
| Transmission: | AOD (wide ratio) with TCI Hardened Lockup input shaft, PA Manua VB w TB |
| Transmission Builder: | Carlton Thompson (Hard parts selected by Dirty Dog Performance) |
| Torque Converter: | PTCLockup |
| Rearend: | 8.8 CHE Braced |
| Axles: | Moser 33 spline 5/8 studs |
| Differential: | Moser Spool |
| Front Suspension: | UPR K-Member and control arms Strange Single Ad justable strutsUPR Coilovers $14-750$ |
| Rear Suspension: | UPR Adjustable Uppers/Lowers, UPR Anti-Roll Bar, Strange Single adjustable shocks, Macht Springs |
| Steering: | Flaming River Manual rack |
| WheelsTires: | Billiet Specialties Wheels $15 \times 10$ and 15×4. M/T Pro Radials 275-60-15 MT Sportsman SiR Fronts |
| Brakes: | Aerospace Pro Street Brakes Front/Rear |
| Quickest E.T., MPH, 60-Foot: $1.2460^{\prime} 5.6601208 .89 @ 153$ |  |
| Crew: | Frank West, Pay Williams, Andrew Whetstone. Danry Nestor |
| Sponsor: | UPR |
| Special Thanks: <br> UPR, Dan@Hyperformance Rac PTC, Dity Dog Performance Th daughter Daria for putting up with | Thanks to JoeMMak/Jeremy @ ng. Chris Johnson@ SCT. Proline, riks to my wife Debbie and my my craziness:) |

