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THE BLUE WONDER-TODD'S AMAZING 87

By Kevin Koch



**Southern
Colorado
Corvette Club**

Mailing Address:
9 Ibis Lane
Pueblo, Co 81005

We meet every 3rd
Tuesday at the
Pueblo Public
Library,
100 E Abriendo
Ave. @
7:00 P.M.

Come join us.

Almost everyone in the Southern Colorado Corvette Club is somewhat familiar with Todd Frederick's "Blue Wonder" C4 show car but many may not know some of the details of how this car came together. Todd started with a somewhat tired 1987 Corvette with over 100,000 miles on the clock, completely disassembled it and put it back together. The project actually began in 2001 and progressed slowly in spurts as Todd worked around other commitments and projects such as making a living and a major rebuild of his mother's house. It becomes a bit hazy with the passage of time, but Todd thinks the block currently in the car is the one that was originally installed by Chevrolet (there was another engine residing in Todd's shop at one time). Either way the block is a Corvette chunk that has been over bored .030 in.

Cont. on page 2

THE BLUE WONDER

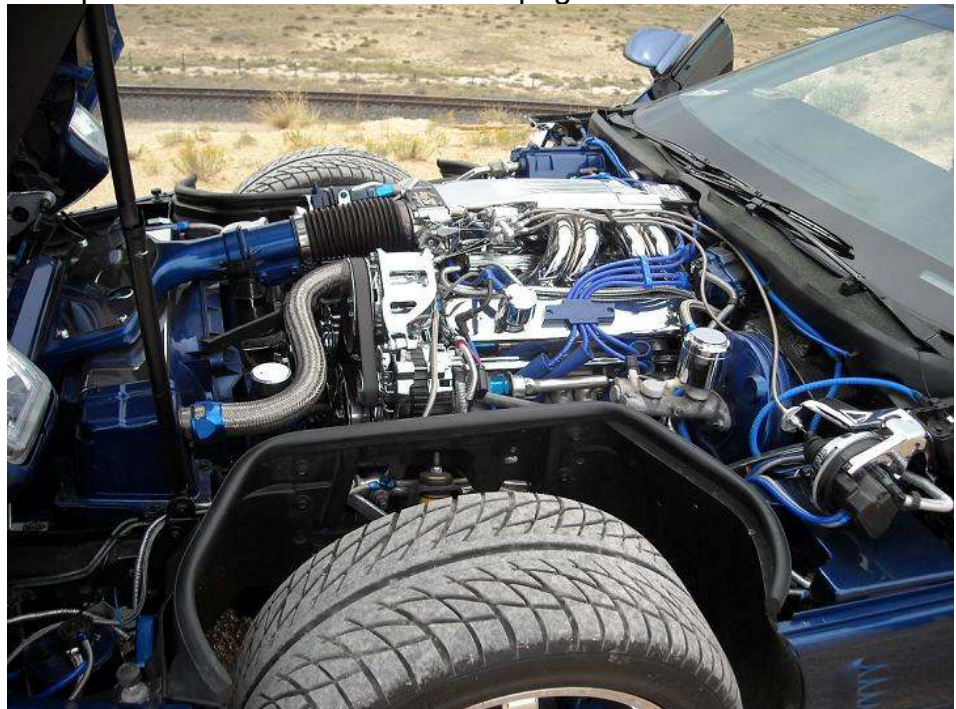
Mounted on the refreshed block is a set of Trick Flow aluminum heads completely ported by Todd. Todd paid a shop to complete the block and rotating assembly machining but assembled the engine himself. He included a Crower forged crank, Keith Black Teflon pistons, specially ground Comp Cams camshaft and Crane "Gold Race" roller rockers. Topping off the engine is a rare Arizona Speed and Marine large tube intake manifold that accepts nitrous injection. Todd's is one of a few pre-production units and Arizona Speed and Marine never subsequently put the design into large-scale production. Exhaust is via large diameter, ceramic-coated Hooker headers and a complete Borla exhaust system. Estimated horsepower is around 425. Cont. on page 3

Trivia #1

The limited slip differential was offered as an option for the first time in what year?

Trivia #2

True or False. Only the driver side vent is functional on the 1964 Vette?



BIRTHDAYS AND ANNIVERSARIES

MEMBER BIRTHDAYS

Burt Jaco - 3 Oct

Judy Stadler - 5 Oct

Kevin Koch - 8 Oct

Ron Newman - 12 Oct

Paula Stricca - 26 Oct

Marti Lucero - 27 Oct

Gloria Rouse - 27 Oct

CLUB ANNIVERSARIES

Wayne & Judy Stadler - 2008

THE BLUE WONDER

The transmission is a TMH 700-R4 automatic. Performance should be impressive but Todd has not yet tested the car at the Pueblo Motorsports Park drag strip primarily because the original 2.59 rear differential ratio remains in the car. All of this performance hides under a very spectacular array of chrome and stainless steel. Open the clamshell hood on this car on a sunny Pueblo day and you will need a pair of sunglasses to peer at what lies underneath. Todd's initial intention was just to clean, paint and polish the parts in the engine bay until it looked show ready, but a chance meeting with the head of a company called Street and Performance at the annual street rod show changed everything. The gentleman claimed he could chrome just about anything so naturally that set the wheels turning in Todd's head. After some negotiation by phone, several boxes of parts were on their way to someplace called Mena, Arkansas. After about seven months (considerably longer than the original estimate) the parts returned ready to be installed. The final effect definitely grabs your attention.



At the foundation of the chassis is a Vette Brakes & Suspension kit that Todd won from Purifoy Chevrolet. Included in the kit are: springs, Bilstein shocks, sway bars, sway bar bushings, and A arm bushings. The other major upgrade underneath the car is a complete 1988 rear suspension. This allows use of the optional, larger 1988 and later rear brake rotors and calipers.
Cont. on page 4

Trivia #3

What year had the last true dual exhaust prior to catalytic converters being installed?

Trivia #4

The first (how many) 1997 C-5 Corvettes were painted red?

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THE BLUE WONDER

The calipers are two piston instead of one and the rotors are 13 inches in diameter instead of 10.5 inch. The front brakes are the original 1987 units. Wheels are chrome 5 spoke Corvette and the tires are Falken 275-40-R16.

On the topside the most notable features other than the beautiful metallic blue paint are the rounded front and rear urethane bumpers of the 1992 and later C4's along with the Greenwood ground effects pieces and rear wing. Even though the front bumper adaptation proved to be a fair amount of work, the newer pieces give the car a more updated and timeless look. The blue base coat/clear coat paint was applied to individual parts by Todd's cousin before they were installed on the car. This meant great care had to be taken when working with these parts but the technique provided for more complete coverage. The color is 2002 Corvette Electron Blue and the body was completely color sanded and buffed to achieve the great gloss finish. The interior is also completely redone with blue and graphite seats, carbon fiber-look dash and console pieces, a roll bar/chassis stiffener and blue competition seat belt/ shoulder harness combination. The final cool item of note is the trailer Todd found and purchased from a builder in Kentucky. How Todd was able to transport the trailer to Pueblo is another story unto itself. Todd's cousin again completed the painting chores, spraying on the color to match that on the car. The trailer, featuring a Corvette-look rear end, is a sort of statement that this show car not only does not ride on a trailer to events it can even pull its own trailer

The car has earned first place honors in three local shows, but the trophy that Todd cherishes most is the third place award in the C4 and newer modified class at the 2009 edition of the annual Vettes on the Rockies Show. It is a given that the competition is very strong at this well attended event. Yes it is just a trophy but it is also just a little bit of a reward and recognition for all of the planning, sacrifice, and energy that went into completing this project



~ '09 Color Run ~

By Bob Adams

On a fine Saturday morning recently, eight Vettes gathered at the dog track and headed south for a day of some of the amazing beauty of our Colorado high country. And some Oktoberfest fun along the way. An hour later we pulled up in La Veta for some of that community's hospitality and enjoyed the vendors, musicians, food and neat car show that La Veta puts on every first Saturday of October. Good, relaxed time to just amble up and down Main Street and spend time deepening friendships.



Then, on up the hill to the crest of Cuchara Pass where we spent quite a while just standing around and visiting,



laughing and sharing the favorite parts of that short ride. The aspen were within a day or two of their height and the scrub oak were in full bloom. The day was cool and clear and from the top you really could see almost forever. Lots and lots of pictures had already been taken.

The last part of the run saw us headed down the southern side of the pass, past South and Monument Lakes and into the parking lot of the Shopping Bag at Stonewall.



Terry Carmichael graciously with her great smile. We were blessed to have Mac & Babbs McKnight join us for this last part of the run. They took valuable time from preparing for an extended stay in Wyoming and getting hay

bundled and shipped. The Apple Dumplin's were again too wonderful to describe and the place was mighty loud with laughs and stories. Terry showed us her 928 Porsche with 30,000 miles (she only wants \$20K for that car!), and then we wandered back to our cars and said some happy farewells. Most of us headed back the way we came and got a double dose of the beauty of our state. We're already looking forward to next year!



SC3 Calendar - October 2009

				1 – Colorado Springs Club Meeting	2	3
4 CSCC Fall Autocross	5	6	7	8	9	10
11	12	13	14	15	16	17
18 – All Hallows Eve Rally @ Firestone	19	20 SC3 Club Meeting	21	22	23 – SC3 Sonic Night	24
25	26	27	28	29	30	31 – NASA Track Day @ PPIR

November 2009

1 – NASA Track Day @ PPIR	2	3	4	5 – Colorado Springs Club Meeting	6	7
8 – CSCC Snoflake Rally	9	10	11	12	13	14
15	16	17 SC3 Club Meeting	18	19	20	21
22	23	24	25	26	27 – SC3 Sonic Night	28
29	30					