

# THE BOWTIE BULLETIN - September 2014

The Official Newsletter Of The

## PIEDMONT CLASSIC CHEVY CLUB

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Mike Sabatino's  
1966 Street Rod Mustang



### *Greetings from our PCCC President—Dave Smith*

*Greetings to all,*

*I hope everyone is having a safe and wonderful summer. What a summer it has been with record rainfall (11.7 inches above normal) and strangely cool and less humid. It seemed like a lot of the weekends were days we got rain. But we did get in a few shows and cruises so far. Our social events did have nice weather and quite a few members brought their cars out to Fairview for the Burger Celebration and most recently the Pig Pic'n.*

*Speaking of Social events I would like to take this opportunity to thank David Ward Jones (the Grill Master) for all the hard work and effort he puts into getting these events up and running so smoothly. Let us not forget all the behind the scenes people that help, Don Cooper, Larry Sayre, Jimmy Grady, Max Cooper, and more, all the members that bring all the delicious sides and desserts, and of course the best pig cookers in NC, Sammy and Jeff Small. And all the members that attend. I am constantly reminded about what a great group of people I am fortunate enough to "hang with" (as my daughter would say). All I can say is thank you to all the members of this great club for letting Pat and I be a part of PCCC.*

*I hope to See you all soon.*

*Next PCCC Business Meeting—September 22*

*PCCC Apparel*

Royal Blue Polyester Golf Shirts  
(including standard embroidery) [\$25]

Royal Blue Cotton Golf Shirts  
(including standard embroidery) [\$20]  
Add [\$2] for 2XL and [\$3] for 3XL

Club Jacket Black or Royal Blue/Navy  
(including standard embroidery) [\$44]  
Add [\$3] for 2XL and [\$4] for 3XL  
\$5 extra for embroidered name on shirt or jacket  
\$10 for embroidered club logo on back

Magnetic Engraved Name Badges [\$10.70]

Contact *Barry Kitchener* @ 919.833.0882  
or [barrykit2000@yahoo.com](mailto:barrykit2000@yahoo.com)  
for complete ordering details

*2014 Club Officers*

President - David Smith  
[dmsmith@nc.rr.com](mailto:dmsmith@nc.rr.com)

Vice President - Barry Kitchener  
[barrykit2000@yahoo.com](mailto:barrykit2000@yahoo.com)

Secretaries - Jim Toups & Carol Keith  
[jtoups@nc.rr.com](mailto:jtoups@nc.rr.com)  
[tedkeith@bellsouth.net](mailto:tedkeith@bellsouth.net)

Treasurer - Tom Doherty  
[tdoherty@mpcllp.com](mailto:tdoherty@mpcllp.com)

*Send your club dues payment to:*

*Tom Doherty*  
4008 Ridgebrook Bluffs  
Raleigh, NC 27603

*Remaining 2014 PCCC Social Events*

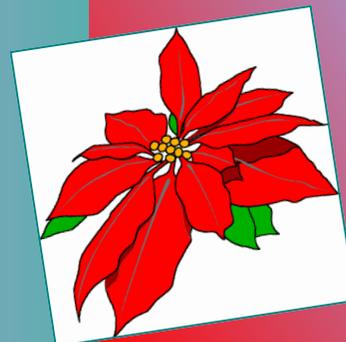
*OKTOBERFEST*

*Sunday October 5 (TIME TBD)*  
*Fairview Community Center*



*CHRISTMAS BANQUET*

*Saturday December 6 (TIME TBD)*  
*Fairview Community Center*



Any Questions or Suggestions?  
Contact David Ward Jones at  
919.971.4615  
or [daviddwjarchitect@nc.rr.com](mailto:daviddwjarchitect@nc.rr.com)

## LOCAL CLASSIC CAR CRUISE-INS

1st Sat - *Zaxby's Cruise In* - US 70 E, Clayton - 3PM  
1st Sat - *Hot Nights - Hot Cars Cruise-In* - Pilot Mountain - 3PM  
1st Sun - *Back In The Day Café* - Cary - 11AM  
2nd Sat - *Lone Star Restaurant Cruise-In* - Knightdale - 11AM  
2nd Sat - *Char-Grill* - Atlantic Ave, Raleigh - 2PM  
3rd Sat— *Cars & Coffee At The Raleigh Grande*—Raleigh—8AM-11AM  
3rd Sat - *Grill 57* - US 401 S, Raleigh - 2PM  
3rd Sat - *Goldston Cruise In* - Goldston - 10AM—2PM  
4th Sat - *Cooley's Restaurant* - Fuquay-Varina - 4PM-8PM  
3rd Fri - *Andy's Creedmoor/Butner Cruise In* - NC 56 W (at Food Lion Parking Lot) Creedmoor - 4PM  
3rd Fri - *Ledo's Pizza Cruise-In* - Southern Pines - 5PM  
4th Fri - *Chick-Fil-A / Goodberry's Cruise In* - Roxboro Rd, Durham - 4PM

FOR A COMPLETE LIST OF UPCOMING EVENTS IN NORTH CAROLINA VISIT OUR PCCC FACEBOOK FAN PAGE AND OUR NEW PCCC WEBSITE

[www.facebook.com/piedmontccc/events](http://www.facebook.com/piedmontccc/events)

<http://piedmontccc.org/>

<http://www.carshowfinder.org>

Or contact David Matthews at [matthewsdavid1955@gmail.com](mailto:matthewsdavid1955@gmail.com)

## WELCOME NEW MEMBERS

John & Susan Aceti  
Zebulon, NC

Matthew & Rachael Whitaker  
Raleigh, NC

David & JoAnn Moore  
Raleigh, NC

## OUR 2014 CARSHOW SPONSOR PROFILES

**Triangle Car Care** - Automotive Repair Services, engine diagnosis, AC service, brakes, tires, suspension and steering tune-ups, oil changes, transmission service and repair, pre-purchase inspections, safety and emissions inspections.

*6425 Glenwood Ave, Raleigh, NC 27612*

*919-883-4787*

[www.trianglecarcare.com](http://www.trianglecarcare.com)

**Pep Boys**—Auto parts, maintenance services, tires, alignments, exhaust, car audio installations, brake services, check engine light diagnostics.

*6806 Davis Circle, Raleigh, NC 27613*

*919-781-9317*

<http://www.mystore411.com/store/view/1002869/Pepboys-Raleigh>

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*919-834-8600*

<http://www.seboardace.com/>

**Bruce Adorian - Insurance Agency**

Providing quick and risk free quotes for health & life insurance, homeowners & renters, auto insurance and more.

*2761 NC Highway 55, Cary NC, 27519-6206*

*919.610-6790*

**Advance Auto—Knightdale**

A source for quality car parts, truck parts, advice and accessories.

*7139 Knightdale Blvd, Knightdale, NC 27545*

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*Visit our sponsors websites or give them a personal visit and extend our thanks for their support*

## OUR 2014 CARSHOW SPONSOR PROFILES

***[R & J Mechanical & Welding](#)*** - Full Automotive Service For Foreign, Domestic And Classic Vehicles  
View their website for a complete list of vehicle services.

*554 E. Williams St Apex NC 27502*

*919-362-6630*

<http://www.rjmech.com/>

***[Camdon Autosport](#)***— Used performance car dealership in Raleigh.

*9012 Glenwood Ave, Raleigh, NC*

*919-783-5887*

<http://www.camdonautosport.com/>

***[McMillan Pate & Company LLP](#)*** - Since 1966, a full-service CPA firm that provides audit, tax, and consulting services to a broad spectrum of privately-held businesses and their owners as well as not-for-profit organizations and employee benefit plans.

*615 Oberlin Rd #200 Raleigh, NC 27605*

*(919) 836-9200*

<http://www.mpcllp.com/>

***[Auto Recon Pros](#)*** - Specializing in wheel restoration , a licensed ACU-TRU (Wheel Repair System is the nation's foremost wheel and rim quality control system offering expert training in wheel repair & restoration). They are experts in wheel truing, chrome plating, custom polishing, ball polishing, leak repairs, OEM replacements, wheel and rim refinishing and remanufacturing and headlight restoration.

*1601 Wake Forest Road, Raleigh, NC 27604*

*919-828-2223*

[www.raleighwheelrepair.com](http://www.raleighwheelrepair.com)

### ***[Garden & Art Landscapes](#)***

Custom Landscape Services serving the Raleigh area since 1987.

View their website for a list of all their services.

*5732 N Hawthorne Way Raleigh, NC 27613*

*919.235.2245*

[www.landscapingraleigh.com](http://www.landscapingraleigh.com)

*Visit our sponsors websites or give them a personal visit and extend our thanks for their support*

## ***HISTORICAL CHEVROLET TIDBITS (Chevrolet Engines)***

When Chevrolet began building vehicles, they were powered by a 299ci, six-cylinder engine. These automobiles could reach a top speed of 65 mph "without taxing themselves," and accelerated from zero to 50 in an "astounding" 15 seconds. By today's standards this isn't too impressive, but at the time Chevrolet was one of the fastest vehicles on the road.

In the early years, there was a great deal of research and development dedicated to coming up with a powerful engine that could be produced for a reasonable price. Chevy's first V-8 engine was released in 1917. The 90-degree overhead-valve design debuted in the D-series, the last of the original long-wheelbase cars. The eight-cylinder lasted only two years, as Chevrolet dropped these "large" power plants to develop four-cylinder versions. It would be 1929 before a six-cylinder reappeared, and a V-8 wouldn't be available again until the introduction of the legendary small-block in 1955, 36 years later.

Until the mid-1970s, most General Motors brands designed and manufactured their own engines with few interchangeable parts between brands. In the mid-1960s, there were 8 separate families of GM V8 engines on sale in the USA. By the 1970s, GM began to see problems with this approach. For instance, four different North American divisions (Chevrolet, Pontiac, Oldsmobile and Buick) offered four completely different versions of a 350 cu in V8 engine - very few parts would interchange between the four designs despite their visual similarities, resulting in confusion for owners who (quite naturally) assumed that replacement parts would be usable across the board. In addition to these issues and the obvious overlap in production costs, the cost of certifying so many different engines for tightening worldwide emissions regulations threatened to become very costly. By the early 1980s, GM had consolidated its powertrain engineering efforts into a few distinct lines.

### **Examples of Chevrolet Engines Through The Years**

#### ***4 Cyl's***

Chevrolet Inline 4 [1913-1928]

Chevrolet Copper Cooled straight 4 [1923]

Chevrolet 153 Straight 4 (Derived from the Chevrolet Six) [1961-1970]

GM 2300 Aluminum Block Straight 4 (Built by Chevrolet) [1970-1977]

Isuzu G161 SOHC Straight 4 (Used in the Chevrolet Chevette) [1976-1986]



#### ***6 Cyl's***

Chevrolet Stove Bolt Straight 6 [1928-1936]

Chevrolet Blue Flame Straight 6 (Also used in GMC Truck Models) [1936-1962]

Chevrolet Corvair Turbo Charged Flat 6 (marketed as "Turbo Air"...It was the second production engine ever to be equipped from the factory with a turbocharger.) [1959-1969]

Chevrolet Generation 3 Straight 6 [1962-2001]

Chevrolet 90 degree V6 (derived from the Chevrolet Small Block V8.

Now marketed as the GM Vortec V6) [1977-2013]

#### ***8 Cyl's***

Chevrolet Series D V8 (acquired as part of Chevrolet's and merger into GM) [1917-1918]

Chevrolet Small Block V8 (originally "Turbo-Fire", now referred to as "GM Generation I") [1954-2003]

Chevrolet W V8 (Also referred to as Turbo-Thrust) [1958-1965]

Chevrolet Big Block (originally Turbo Jet) [1965-2009]

#### ***Gasoline-Electric Hybrid***

Voltec (Hybrid Powertrain series used in the Chevrolet Volt [2011-present])

*"This feature for this and future newsletters has excerpts taken from a book called Chevrolet Chronicle and the Internet. It is solely meant for the enjoyment of club members to share some history of the Chevrolet."*



## David Smith's Tech Tidbits

At the risk of sounding like an idiot (how else should I sound right?), I would like to tell you all about my experience tracking down a vacuum leak on Lily Mae over the weekend. The issue was that when I started the truck with the choke on it ran great, after warming up I would shut the choke off and it would idle extremely rough. I mean I could rent it out for a weight loss vibrator. Once it got rolling it would run great, no missing and smooth as a new engine. Stop and again you are vibrate city. So, where do I begin? I knew that the intake had slowly lowered itself at one point in the restoration and it ran just like now. Now it all depends on who you ask as to what is the best method to find a vacuum leak on an engine, some do it by ear but with all the other noises coming out of a 61 year old (not to mention coming out of a 60 year old engine). I could not hear a thing so I tried the old school method, got out my propane torch put a hose on the end started her up and put the hose all around the intake, exhaust, carb and vacuum fittings at the carb and at the distributor waiting for a change in RPM's ..nothing! OK now we go for the Carb cleaner spray (careful as this is in my opinion the most dangerous as you can lose eyebrows and hair if you use too much at a time). Again I sprayed all the "usual suspects" NOTHING. I even tried soap and water, you guessed it nothing. So what now? I shut the engine off and as I was leaning on the fender wondering why Lily Mae had it in for me, I remembered that I changed to power brakes and an automatic, and there were two sources I had forgotten to check. Guess what? Yup the two hoses that pull vacuum from the plenum had come loose. I put two new hose clamps on and perfecto...done!! She purrs like a kitten. (Knock on wood). I feel sorta stupid for not checking these first but the moral here is there are many ways to track down a vacuum leak one of the first things you want to check are the hoses and fittings. You could possibly save yourself a lot of time. and avoid having to clean the engine compartment twice in one weekend.

**'til next time, keep the shiny side up and the greasy side down.**



### LICENSE PLATE HISTORICAL TIDBITS



- 1893** — France became the first country to issue “number plates” to vehicles.
- 1901** — New York mandated license plates for vehicles, but car owners were expected to produce their own until 1909. These early plates were usually leather pads or felt metal plates with attached letters indicating the initials of the car’s owner.
- 1903** — Massachusetts became the first to provide state-issued porcelain license plates. The very first, featuring the number "1," was issued to Frederick Tudor. (One of his relatives still holds an active registration on the plate.)
- 1906** — West Virginia produced the first stamped metal license plate.
- 1921** — Although Alaska was not yet a state and had very few roads, its territorial government produced a license plate now considered the Holy Grail of historic plates by hobbyists and collectors. In 2000, a reported \$60,000 was paid for one of the few surviving examples of a genuine 1921 Alaska license plate.
- 1928** — Idaho license plates appeared with the words “Idaho Potatoes,” now regarded as the first license plate slogan in America.
- 1931** — Pennsylvania became the first state to issue customized license plates, which were limited to a driver’s initials.
- 1936** — The iconic “bucking bronco”, still in use today, first appeared on a Wyoming license plate.
- 1944** — The metal shortage caused by World War II forced states to use alternative materials for plates, namely embossed fiberboard, cardboard and soybean-based plastic.
- 1957** — After meeting with world governments and international standards organizations, automobile manufacturers imposed uniform dimensions on license plates. The standard size for license plates in all American states was set at 6” x 12”.
- 1965** — The “vanity plate” was born when states began allowing drivers to customize their plates with letters and numbers.
- 1971** — After 3M introduced “High Intensity Grade Reflective Sheeting,” states made the product mandatory on license plates to improve the visibility of moving and stationary vehicles.
- 1990** — Most state plates stopped displaying congressional districts, county designations and police codes. States began relying on computers to contain this information.

**PCCC PARTS & SWAP**

Contact club member for more details

Long Style Cast Iron Water Pump (for small block) [\$25]; Carter Fuel Pump [\$15]; Cast Water Neck [\$15]; Chrome Water Neck [\$10]; 1970-72 Chevelle Original Dash Pad [\$75]; 1970 Chevelle tail light lenses [\$40 for both]; "350" emblems (R&L) for 70 Chevelle [\$40]; Trunk Emblem for 70 Chevelle [\$30]; Grill Emblem for 70 Chevelle [\$15]; Rocker Panel Trim for 1970-72 Chevelle [\$100 for pair]; Craftsman Compressor (needs some maint) [\$20]; 5 Gal Shop Vac [\$15]; K&N 13x2 Washable Air Filter [\$10]; 14x3 Air Filter [\$5]; 68-72 Chevelle Fuel Tank Door/License Plate Mount [\$10]; Set of Chrome Lug Nuts/Washers for Cragar (7/16x20) [\$20]; Set of [4] Lug Nut Locks with key [\$10]; Original 1970 Chevelle Grill and Stainless Trim [\$75] **Jeff Hopp** @ 919-467-9594

Small Block Quadrajel manifold [\$40]; Kenwood AM/FM Cass & CD Controller [\$100]; Kenwood 6 CD Changer [\$50]; 1970-1972 12 Bolt Posi Carrier [\$125]; Edelbrock 750 Performer Carb - may need rebuild [\$85] BBC open chamber cylinder heads. New valve job. [\$350] **Ray Bader** @ 919-387-0479

Fully restored "Henderson" city tag dated 1966 [\$60] **Ted Korab** @ 919-362-1832

The Chevrolet Task Force Truck Series was the successor to the venerable Advance Design trucks, the Task Force Series ran from late 1955 (second series) through 1959.

The 1955 second series offered standard options and add-ons such as 12-volt electrical systems, the first V8 (the 265 cubic inch), and fleet-side 6-foot, 7-foot, and 8-foot-length beds. The "wrap-around" windshield was a truck industry first.

Power steering and power brakes were available for the first time on GM trucks. The electrical system was upgraded to 12 volts.



What model did Chevrolet first use the SS name and what year?

Answer from the July/August 2014 Edition

Answer will appear in the October 2014 Edition

**July/August 2014 Edition Trivia and Photo Winner**  
**David Smith**



Send your answers to  
**Jeff Hopp** at  
[jhopp55@att.net](mailto:jhopp55@att.net)

FROM JULY/AUGUST  
2014



Mark Herbert's 1970 Camaro

*OUT & ABOUT WITH PCCC*



*Photos By—Jeff Hopp*