

THE BOWTIE BULLETIN
THE OFFICIAL NEWSLETTER OF THE



APRIL 2019 EDITION



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Donnie Harris' 1970 Maverick

Message From Our PCCC President

This is my favorite Month of the year....APRIL, warmer weather, more car shows and cruise ins and this is the month for Good Guys Raleigh. Piedmont Classic has stepped up the game for 4 years and we now have another year to show what we have again this year. I hope all will participate again this year. Moving on I would like to welcome all the new (and returning) members that have joined us in the past year. I hope you all have enjoyed hanging with other members and friends at any of the many events PCCC attends. Again the club welcomes you all. Hope to see many club members in the weeks ahead, keep watching for Kaye's email with the events coming up in April.

David Smith

The April 2019 Business Meeting Is Scheduled on **Monday April 22, 2019**
Advance Auto Store Support Center-University Building
4709 Hargrove Rd, Raleigh, NC 27616

CLUB INFO

2019–2020 Club Officers

President - David Smith
dmsmith57@outlook.com

Vice President - Chris Peedin
crystalclean67@aol.com

Secretary - Jane Overman
medassist61@yahoo.com

Treasurer - Tom Doherty
tdoherty@mpcllp.com

Send your PCCC Dues payment to:

Tom Doherty
4008 Ridgebrook Bluffs ; Raleigh, NC 27603

For a complete listing of carshows and cruise in's
Contact club member

Kaye Brady
for a complete listing of carshows and cruise in's.

kbrady.southernclassic@hotmail.com

Got an interesting project or story you would like to submit for future newsletters?
Contact Jeff Hopp at jhopp55@att.net

PCCC APPAREL

Royal Blue Polo Shirts

Including standard embroidery [\$22]

Hats

Solid Kaki, Kaki with Black Brim, Solid Black
Style will be popular soft cover type and adjustable fit
[\$15 ea]

Club Jacket Royal Blue

Including standard embroidery [\$46]

New 'Soft Shell Black Jacket

With lighter contrast collar [\$56]

Magnetic Engraved Name Badges [\$10.70]



Contact [Larry Lewis](mailto:rclarry@aol.com) @ 919.215.3946 or
rclarry@aol.com
for complete ordering details

OUR 30th MADE IN THE U.S.A. CARSHOW

PIEDMONT CLASSIC CHEVY CLUB

Made In The **USA** CARSHOW

May 25, 2019

30
anniversary

Sponsored by:

CAPITAL



Advance
Auto Parts



Celebrating 50 years of the 1969 Chevrolet



Show for All American Makes 1993 or Older ONLY

Proceeds from the car show to benefit: Raleigh's Hilltop Home for Children

Photo Plaques to first 200 Entries Door Prizes Music - 50/50 - Food

"Best of " Awards

Best Chevy 1969 and Older	Best Paint	Best Interior
Best Chevy 1970-1993	Best Engine Compartment	Best Other US Makes
Best Other GM	Best Club Participation	Best Mopar
Best Ford	Best Street Rod	Best Truck
Pink Ladies Choice	Best Rat Rod or Modified with American Engine	
	PCCC Presidents Pick of Show	

CAPITAL CHEVROLET "Best of the Show " Award

Registration: 8 am to 12 noon - \$20 (No pre - registration - no rain date)

Awards presented at 3 pm

(Sorry no vehicles displayed newer than 1993)

Location: Lake Wheeler Park, 6404 Lake Wheeler Road , Raleigh, NC 27603

Visit our club website for more information at piedmontccc.org

Or visit our Facebook fan page at <https://www.facebook.com/piedmontccc>

Help us help the children sign up to be a PCCC Car Show Sponsor For Only \$50
for more information, Contact any PCCC Club Member
or email Pat Smith at psmith036@nc.rr.com

Lake Wheeler Park Rules, Pets must be restrained on a leash at all times within the park. No
alcohol of any kind. Smoking is only in designated parking lots. Canopies must have a fire
extinguisher and anchors.

WELCOME NEW MEMBERS !!

Chas & Natalie Hummel
Apex, NC

Brandon & Sharlene Le Sech
Clayton, NC

Carl & Jeanette De Marzo
Fuquay-Varina, NC

Richard & Cindee Little
Willow Springs, NC

James Babicz & GiGi Lasher
Rolesville, NC

This Is Denise Grady



Denise's short story: She was born & raised in a small small town in New York in 1952. During her teen years, was uprooted by IBM & moved to Raleigh which she was not too happy about at all. Denise had 2 girls in her lifetime, raised a grandchild from the age of six months and now has four grandchildren & one great grandchild. Things have worked out currently, she's retired & together with her husband Jimmy, they own 3 classic vehicles .



Georgia Moonshine Cruise—By Dave Peedin

In 2017, we took a very cool tour to Hiawassee, Georgia for the Georgia Moonshine Cruise.

Please check this event out on the their website; www.georgiamoonshinecruise.com

We had 12 cars (I believe) and around 20 people. I am proposing a rerun of this awesome event. This would be a five day trip.

We would leave from BoJangles in Apex on Wednesday 07/10/2019 and cruise U.S. 64 West to I-85 South – through Greenville, SC and on up through Clemson, SC and arrive in Hiawassee later Wednesday afternoon.

Note: In 2017, we all stopped in Greenville at Quest Brewery for an awesome lunch and tour of the brewery. Our club member Don Watts and his son (owner of the brewery) were our gracious hosts. That is certainly not expected this year so we may have lunch somewhere in the area. All those details will be worked out later.

WHAT IS IMPORTANT RIGHT NOW IS REGISTRATION AND ACCOMMODATIONS FOR THIS EVENT!!!

IF YOU WOULD LIKE TO JOIN US, PLEASE GO TO THE ABOVE WEBSITE AND REGISTER YOUR VEHICLE (662-587-9572) THEN CLICK ON THE LODGING TAB ON THE MAIN PAGE. The Lodge Number is 1-800-613-4349 (I spoke with Roger)

On our previous trip, most of us stayed at the LAKE CHATUGE LODGE.
(which is within walking distance to the event venue).

There will be a very cool 60 or so mile cruise on Thursday – details on the stops are on the website. Friday and Saturday will be the show days. We will check out on Sunday morning and come home via a mountain route back into Waynesville and then I-40 East. As with 2017 trip, we will stop in Morganton for a fantastic buffet lunch and from there its back to Raleigh or wherever home is.

IF YOU CAN JOIN US, PLEASE REGISTER NOW!!!

Register your car or truck – 1-662-587-9572 – Early registration is \$42.99 and includes your car for 2 show days and two entry tickets.

Book your accommodations – 1-800-613-4349 to reserve your room at the lodge.

Plenty of great restaurants in the area – and be sure to check out the event details !!!

More details on the trip down and back coming as they unfold.

PLEASE LET ME KNOW AS SOON AS POSSIBLE IF YOU WILL BE JOINING US.

So far, we have Ted and Carol Keith, Chris and me, Larry and Jaquie Lewis, there friend and new club member Kitty and her guest.

Make those plans and join us!!

Dave Peedin—PCCC Tour/Cruise Director

919-612-6998

THE WOES OF E10 FUEL—Submitted by George Kavalak

We have all run into one problem or another with today's E10 gasoline since it became prevalent in the 1990's. There is usually no problem with fuel injected engines as the fuel is delivered under much higher pressures. But with carbureted engines be careful, whether it's your classic car or other small engine devices like lawn care equipment, etc..

Here is some information:

E10 gasoline is 10% ethanol and 90% petroleum gasoline. And who knows how accurately that gets mixed upon delivery at the local station!

Ethanol has a higher octane rating than gasoline. However it contains 34% less energy per unit volume than gasoline.

Longevity issues:

Ethanol is hygroscopic (readily absorbs water). It absorbs water 50 times faster than conventional gasoline. If you don't drive your classic enough to keep refreshing your tank (and draining your wallet!) the ethanol in your tank keeps absorbing moisture and progresses to "phase separation".

During this phase separation, the ethanol rich fuel separates from the remaining fuel (making it ethanol deficient), leaving you with two fairly distinct fuels in the tank.

Over time, this creates two layers of fuel: The top will have fuel that has very low octane (ethanol deficient), and the fuel at the bottom (the ethanol rich water layer) that is extremely corrosive.

Symptoms of this can be poor performance from ethanol deficient fuel (lowered octane) or destruction of many aluminum, pot metal castings, rubber and plastic components due to the ethanol rich fuel.

E10 shelf life is about 100 days, or about three months. So, if you don't go thru your E10 quickly, take some storage precautions to keep it from absorbing moisture. Keep cans full and sealed; control temperature swings that cause condensation; and use fuel stabilizers to help delay phase separation.

Vapor Locks:

If you are using E10 gasoline fast enough that storage problems are not an issue, you may still be running into other E10 issues. With your carbureted engine you may have experienced heat soak or vapor lock.

Vapor lock is related to the volatility of gasoline, the tendency to vaporize. You may have smelled fuel just after you shut off your hot engine. Fuel is evaporating or boiling out of your carb float bowls (percolation) as the engine temperature begins to climb due to lack of continued coolant flow and air flow.

Reid Vapor Pressure (RVP) is a measurement of volatility. It is the vapor pressure of the fuel at 100 degrees Fahrenheit.

Normal atmospheric pressure is about 14.7 psi. Any liquid with a vapor pressure greater than atmospheric pressure will boil. The higher the RVP rating, the greater the tendency of the fuel to vaporize (vapor lock).

THE WOES OF E10 FUEL—Submitted by George Kavalak

There is a Winter Blend and a Summer Blend for our fuel. The Winter Blend has a higher RVP (~15.0) than the Summer Blend (~9.0); this lower boiling point or increased volatility in the Winter Blend helps with cold starting. The Summer Blend has a lower RVP as the warmer temperatures already assist in the vaporization process.

Remember:

Winter: High RVP = Lower Boiling Point = Faster Vaporization

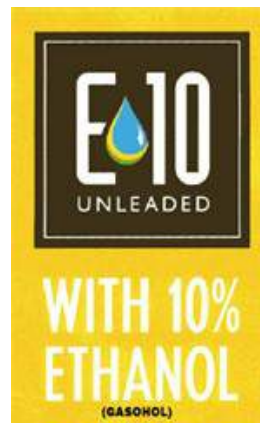
Summer: Low RVP = Higher Boiling Point = Slower Vaporization

Summer Blends are sold beginning the month of May.

The highest RVP gasoline commonly sold will have an RVP of around 15.0 psi. That fuel in your tank on a hot summer day would boil in the tank when the temperature hit 100 degrees. On a 70 degree day the heat in the engine compartment can reach well over 100 degrees, causing vaporization or fuel in the carb bowl or supply lines. (Not really an issue with fuel injected cars as the fuel is under pressure until injected.)

Solutions:

- Cool the fuel and/or raise the boiling point.
- Route fuel lines away from heat sources.
- Insulate fuel lines in the engine compartment.
- Insulate fuel lines near any exhaust pipes.
- Keep fuel filter away from the top of engine.
- Use a heat insulator between the intake manifold and carburetor.
- Use a heat shield to reflect radiant heat from the engine (i.e. under Holley carb bowls).
- Use an electric fuel pump (greater pressure, thus increasing boiling point, but it doesn't help the unpressurized fuel in the bowl).



THE WOES OF E10 FUEL—Submitted by George Kavalak

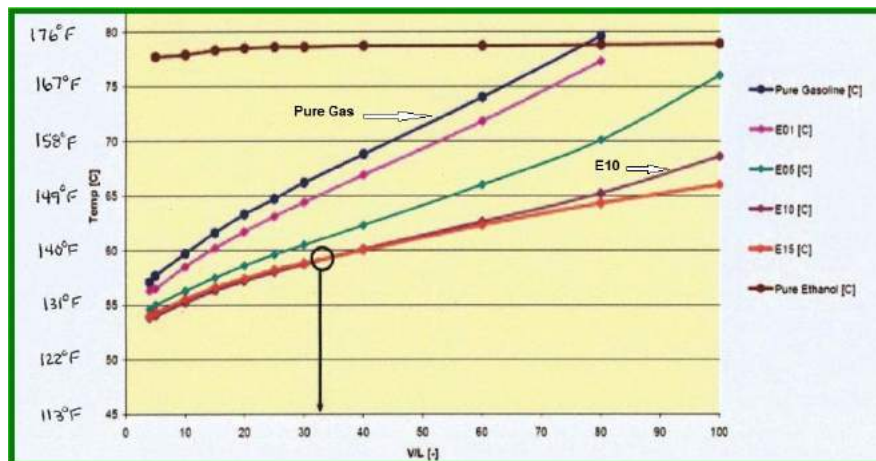
E10 Temperature Volatility:

The following graph is provided just to illustrate how E10 fuel is much more sensitive to its temperature compared to non-ethanol gasoline. It plots the Vapor/Liquid Ratio (V/L) against the fuel Temperature (in degrees Centigrade and Fahrenheit).

To prevent vapor lock and environmental issues, automotive fuel specifications require that gasoline be tested to various standards. Some govern the assessment of vapor-liquid temperatures. In automotive fuel specifications, the temperature at which a ratio of 20 (vapor) to 1 (liquid) is reached (commonly referred to as $T_{(V/L) = 20}$) indicates the risk of the fuel to form a vapor lock. This tendency is higher in hotter climates and higher altitudes.

The vapor pressure of an Ethanol blend is much lower than that of straight gasoline. The addition of ethanol changes the temperatures at which various V/L ratios occur. A critical V/L ratio, which can cause vapor lock, will be reached at much lower fuel temperatures with Ethanol blends than with straight gasoline.

Without getting into the standards details, just view the graph to see the comparison between E10 and straight gasoline. V/L ratios greater than 20/1 get into vapor lock.



You can see that E10 is much more sensitive to temperature increases than straight gasoline. E10 will reach a V/L of 20/1 about 10-12 degrees F lower than straight gasoline. And, it only takes an additional increase of 7—9 degrees F to get a very volatile V/L ratio of 50/1. Straight gasoline would reach this 50/1 ratio with an additional temperature increase of about 20 degrees F.

So, for your carbureted car, do all you can to eliminate the heat from your fuel—be it in the lines before your mechanical fuel pump, after your mechanical fuel pump in the engine compartment, and in the float bowls. Don't forget an insulator between your carb and the intake manifold.

A little insulation will go a long way. E10 volatility is very sensitive to temperature—at temperatures lower than straight gasoline and for smaller temperature increases than straight gasoline.

In April, 2017 (with Winter Blend...) we had an early heat wave and I experienced some vapor locking with the stop and go traffic. However, with Summer Blend fuel and upper 90 degree temps, along with use of the above recommendations, I have not had a reoccurrence of the vapor locking.

LOCAL APRIL CARSHOWS AND EVENTS

April 4-7

CHARLOTTE NC - Charlotte Autofair 2019 spring meet. 9307 Monroe Rd. Charlotte NC. Call 704-841-1990 for details. <http://www.charlotte-autofair.com/>

April 6

BENSON, NC - West Johnston High School Annual Car/Truck show. 9am to 3pm. 5935 Raleigh Rd. Benson NC. contact 919-669-5072 or 919-442-8697 for more information.

GOLDSBORO, NC - Rockin' Awetism Indoor Car & Truck Show. 11am to 3pm. The Maxwell Center, 3114 Wayne Memorial Dr. Goldsboro NC.

PIKEVILLE NC - Scrapin for a Cure 9am to 2pm. Dees Memorial Park 403 NW Railroad St. Pikeville NC. All proceeds go to the UNC Leukemia Research Foundation. Open Show.

ROCKY MOUNT, NC - Corvettes & Classics Car show. 9am to 3pm. Don Bullock Chevrolet 1920 N Wesleyan Blvd. Rocky Mount NC. See flyer for details.

APRIL 7

ROCKINGHAM NC - Import Face-Off racing & car show at Rockingham Dragway. www.ImportFaceOff.net for details. Import show and race series.

APRIL 12

RALEIGH NC - Opening Night at Wake County Speedway. 2109 Simpkins Rd. Raleigh NC. Late Models, Mini Stocks, Bombers, Modified 4 cyl, Legends and Bandoleros. for more details call 919-578-7858

APRIL 13

DURHAM NC - 5th Annual Bethesda Car, Truck, & Bike show. 9am to 1pm. Bethesda Baptist Church 1914 S. Miami Blvd. Durham NC. Call 919-723-0860 or 919-624-1497 for information.

DURHAM NC - RTP Corvettes Annual Charity Car Show, 9am to 2pm. Open Show, all makes & models. Held at the Streets of Southpoint, 6910 Fayetteville Rd. Durham NC. contact rtp-corvettes.com for more information.

FOUR OAKS NC - Four Oaks Car, Truck, Motorcycle Show & Swap meet. 8am to 3pm. Downtown Four Oaks. call 919-963-4004 for info

MOUNT OLIVE NC - 33rd Annual Pickle Festival Car Show. 9am to 3pm. Center St. Mount Olive NC. Waynecountycruisers.com for more details.

MEBANE NC - Mt. Moriah Baptist Church Car & Truck Show. 8:30am to 2:30pm. 200 Buckhorn Rd. Mebane NC.

APRIL 14

GARNER NC - 2019 Bike Fest @ Locked and Loaded 12pm to 6pm. 305 McCormick St. Garner NC <https://www.facebook.com/events/958698354521102/>

*For More Info—Contact Kaye Brady at
kbrady.southernclassic@hotmail.com*

LOCAL APRIL CARSHOWS AND EVENTS (continued)

APRIL 20

RALEIGH NC - 22nd Annual Run in the Sun Charity Car Show presented by Corvettes International. 8am to 3pm. 4721 Hargrove Rd. Raleigh NC.

ROCKINGHAM NC - MOPARS at the Rock. Rockingham Dragway, 2153 US Hwy 1 N. Rockingham NC. rockinghamdragway.com for details.

APRIL 26-28

RALEIGH NC - 5th Annual Goodguys NC Nationals. North Carolina State Fairgrounds. 1025 Blue Ridge Rd. Raleigh NC. 8am to 5pm Friday and Saturday, 8am to 3pm Sunday. 919-821-7400 or 925-838-9876 for more information. www.good-guys.com/ncn-2019

APRIL CRUISE INs and CARS & COFFEE EVENTS

APRIL 5

ROXBORO NC—Freedom Cruizers CRUISE IN 1st Fridays at Advance Auto in Roxboro NC from 6-8pm

APRIL 6

CLAYTON NC - CARS & COFFEE - 1st Saturdays 8am to 11am. 11407 US 70 business, Clayton NC at The Church at Clayton Crossings parking lot.

GARNER NC - CRUISE IN- Mojos 1st Saturday Cruise in, 4pm to 9pm. Garner Towne Square 2648 Timber Dr. Garner NC.

APRIL 12

ROXBORO NC - CRUISE IN - Cruz-in the Blvd Roxboro Square - Madison Blvd Roxboro NC. starts at 6pm. Cars and trucks thru 1980

APRIL 13

HOPE MILLS NC - CARS & COFFEE - 2nd Saturdays at Millstone Towne Centre, 3351 S Peak Dr. Hope Mills NC.

CLAYTON NC - CRUISE IN - 2nd Saturdays Zaxby's 3pm to 7pm. 12857 US Hwy 70 W Clayton NC.

ST PAULS NC - CRUISE IN - 2nd Saturdays Cruising Main St, downtown St. Pauls from 6pm to 9pm

KINSTON NC - CRUISE IN - 2nd Saturdays April to Oct. held at the Marathon Hwy 70 E Kinston, beside the Bojangles.

APRIL 20

WAKE FOREST NC - CARS & COFFEE - 3rd Saturdays 8am to 11am at Richland Church 3229 Burlington Mills Rd. Wake Forest NC.

*For More Info—Contact Kaye Brady at
kbrady.southernclassic@hotmail.com*

APRIL CRUISE INs and CARS & COFFEE EVENTS (continued)

APRIL 26

DURHAM NC - CRUISE IN - Bull City Street Rodders 4th Friday nights 3912 North Roxboro Rd. Durham NC from 6pm to 9pm.

APRIL 27

KNIGHTDALE NC - CARS & COFFEE - 4th Saturdays 8:30am to 11am at Faith Baptist church 2728 Marks Creek Rd. Knightdale NC.

WAKE FOREST NC - Cruise Night, Sonic Drive In starts at 4pm. 12508 Capital Blvd Wake Forest NC. All makes and models. Winter schedule of starting at 4pm will go thru April

APRIL 28

CARY NC - CARS & COFFEE - Rides and Coffee at Detail Garage, 9am to 12 noon. Last Sunday of the month. 683-C Cary Towne Blvd. Cary NC.

KNIGHTDALE NC - CARS & COFFEE - 4th Sundays 9am to 12 noon at 8001 Knightdale Blvd. Knightdale NC.

*For More Info—Contact Kaye Brady at
kbrady.southernclassic@hotmail.com*

THE DAVID SMITH COLLECTION



PCCC PARTS & SWAP

Contact the PCCC member listed below for additional details

Contact Jeff Hopp to submit an ad or change or delete existing ads at jhopp55@att.net

Original heater core & blower motor for 1966/67 Chevelle. Perfect condition [**\$200 for both.**]; Original heater core and blower motor for 1970-72 Chevelle - perfect condition with Temp Control panel. [**\$200**]; O.E. "Spread Bore" 4 Barrel intake off of 1968 327 Corvette engine [**\$75**] Contact [Dave Peedin](#) @ 919-612-6998.

Four brand new AC Delco 11" brake rotors and a complete set of new brake pads available for C3 Corvettes [**Asking \$125 for all**] Contact [Dave Peedin](#) @ 919-612-6998.

Edelbrock 750 Performer Carb - may need rebuild [**\$60**] Contact [Ray Bader](#) @ 919-387-0479

Two small 10 bolt rear ends for 67 - 69 Camaro or 68 - 72 Nova (273 gears, one wheel pull) - [**\$225 each**] Contact [Jon Williams](#) @ 919-244-6901

1973 Super Beetle Convertible, 4 speed on the floor, yellow with a black top, all original. [**\$8500 OBO**] Contact [Denise Grady](#) @ 919-830-6509

Chevelle Parts and Ford Model A Parts for sale— Contact [Bill Aldridge](#) @ 919-523-4619

62 Impala S/S hubcaps. Excellent condition (set of 4) [**\$250**]; Contact [Barry Kitchener](#) @ 919-623-7287

1988 Cougar LS for sale, white with deep blue interior; fuel injected 3.8L V6, auto trans original owner, original paperwork available. Also has set of brand new Splash Guards with Cougar Logo and some spare Wheel Covers and Center Caps. [**\$TBD**] Contact [Robert Andersen](#) @ 919-749-1454

DID YOU KNOW?

The 1964 Pontiac GTO is widely regarded as the first "muscle car." Pontiac owned the muscle scene in the early 1960s, but by 1968, that car had plenty of competition.

The Ford Mustang also made its debut in 1964. It was officially unveiled at the World's Fair in Flushing Meadows, New York. That same day, the car also debuted in showrooms across America, and close to 22,000 Mustangs were purchased.

The first Chevrolet Camaro to ever come off the production line was black. And originally, the Camaro was going to be called the Panther.

The 1969 Dodge Charger Daytona was banned by NASCAR. The car was named for the Daytona 500, and with its record-breaking speed, it won the first race it was entered in. Unfortunately, however, it was just too fast to last.

Pontiac's "The Judge" (a 1969 GTO) was named after a TV show skit. At the time, John DeLorean was the man in charge, and he chose to name the car after a show he watched and liked: "Rowan & Martin's Laugh-In."

"The Judge" was also featured in what's considered the first-ever rock music video. In the original TV commercial for this car, Paul Revere and the Raiders sang a song they wrote about it.

The original "Dukes of Hazzard" show featured a total of 309 Dodge Chargers – all 1969 editions. How can you tell a 1969 Charger from a 1968? Look for the split grille on the front of the '69 model.

A 1977 Pontiac Trans Am starred in the movie "Smokey and the Bandit." Four were provided for the movie – all of which were badly damaged during production.

Chrysler's 426 HEMI engine was called "the elephant." It was extremely large and extremely powerful. In fact, at Daytona in 1964, the vehicles that placed first, second and third all had this engine – which is why NASCAR would eventually change its engine-related rules.

Out and About with PCCC



Photos By
Jeff Hopp
JoAnn Hopp