

# The Official Newsletter of the Piedmont Classic Chevy Club

## *THE BOWTIE BULLETIN*

September 2012

*Club Info News  
Social Events  
New Members  
Cruises & Car Shows  
David Smith's Tech Tidbits  
Feature Articles  
PCCC Parts Swap  
Out & About*



*See our updated PCCC Facebook Page...*

Highlights by **Rick Lewis**...See *Pages 4-6* of this issue



*Jay & Katherine's Shealy's 67 Camaro RS/SS*

### *Greetings from Barry Kitchener - PCCC Vice President*

I want to start off this month by extending a Big THANK YOU to **Rick Lewis** for bringing the club into the 21<sup>st</sup> Century. Rick has done an excellent job in setting up the PCCC Facebook Group. Rick also created [piedmont-ccc@googlegroups.com](mailto:piedmont-ccc@googlegroups.com) which now allows anyone in the club to easily send an email to the entire membership.

I was on vacation for Classics at the Capital so please share your stories and photos for the club members that were not able to make it downtown.

On behalf of the club I would like to extend our condolences to **Ray Bader**, club president, on the passing of his Aunt, and to **Joe Barnes** on the passing of his brother.

The weather should be cooler in September and there will be many shows and cruise-ins, so let's get our cars out and show them off.

*Next Scheduled Meeting - Monday September 24, 2012*

*CLUB INFO • NEWS • SOCIAL EVENTS*

*Club 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 [\$7.50]

Contact *Barry Kitchener* @ 919.833.0882  
or *barrykit2000@yahoo.com*  
for complete ordering details

*2012 Club Officers*

President - Ray Bader  
*raybader@earthlink.net*

Vice President - Barry Kitchener  
*barrykit2000@yahoo.com*

Secretary - David Smith  
*dmsmith@nc.rr.com*

Treasurer - Keith Archambault  
*karchambault@nc.rr.com*

*To pay your Club Dues  
Send \$25 to PCCC Treasurer*

*Keith Archambault  
1010 Acorn Court; Knightdale, NC 27545*

*Scheduled PCCC Social Events*

*Oktoberfest - Saturday October 6 - Fairview Community Center @ 600PM*

*Christmas Banquet - Saturday December 1 - Fairview Community Center @ 630PM*

Any Questions? Contact David Ward Jones at 919.971-4615 or  
*daviddwjarchitect@nc.rr.com*

*WELCOME NEW MEMBERS !!*

*Todd & Tena Crook*

*1946 Chevrolet C3100 Pickup*

*Wake Forest, NC*

*Thomas & Kate Doherty*

*1971, 1973 & 1979 Corvettes*

*Raleigh, NC*

## CARSHOWS & CRUISES

Sept 1 - Rod & Custom Carshow - Littleton - 8AM-3PM  
 Sept 1 - 6th Annual Labor Day Weekend Truck, Bike & Carshow - Durham - 8AM-2PM  
 Sept 8 - American Classic Carshow - Wendell - 9AM-3PM  
 Sept 8 - 3rd Annual Triangle Rod & Classic Carshow - Morrisville - 9AM-4PM  
 Sept 15 - 3rd Annual Car, Truck and Bike Show - Oxford - 8AM-5PM  
 Sept 15 - Clayton Harvest Festival - Clayton - 8AM-4PM  
 Sept 20 - Sept 23 - Charlotte Autofest / Auction / Swap Meet - Charlotte Motor Speedway  
 Sept 22 - McDonald's Cruise-In @ Millpond Village Shopping Ctr - Cary - 3PM-8PM  
 Sept 22 - 8th Annual Youngsville Fall Festival Carshow - Youngsville - 8AM-3PM  
 Sept 29 - 7th Annual Carolina Chevelle Association Show - Hendrick Motorsports - Charlotte - 9AM-4PM

1st Fri - Southern Roast Coffee Shoppe Cruise-In - Holly Springs - 6PM-9PM  
 1st Sat - Zaxby's Cruise In - US 70 E, Clayton - 3PM-9PM  
 1st Sat - Cars & Coffee at Waverly Place - Cary 8AM-1130AM  
 2nd Sat - Char-Grill - Atlantic Ave, Raleigh - 2PM-9PM  
 2nd Sat - Cruise-In At The Pickled Onion , Raleigh - 3PM- Dusk  
 2nd Sat - Cruise in at Rally Point Sport Grill - Cary - 5PM - Until  
 3rd Sat - Grill 57- US 401 S, Garner - 2PM-9PM  
 3rd Sat - Goldston Cruise In - Goldston - 4PM-Until  
 4th Sat - Sonic Drive In - NC 96 - Zebulon - 3PM-9PM  
 4th Sat - Andy's Cruise In - US 301 S, Four Oaks - 2PM - Until  
 3rd Fri - Andy's Creedmoor/Butner Cruise In - NC 56 W (at Food Lion Parking Lot) Creedmoor - 4PM -Until  
 4th Fri - Chick-Fil-A / Goodberry's Cruise In - Roxboro Rd, Durham - 4PM-9PM  
 Every Thurs - Dairy Queen - Knightdale -4PM-9PM

FOR A COMPLETE LIST OF DETAILS AND LINKS FOR ALL UPCOMING EVENTS

VISIT OUR PCCC WEBSITE AT [www.piedmontccc.com](http://www.piedmontccc.com)  
 or contact David Matthews @ [dmhotrod089@gmail.com](mailto:dmhotrod089@gmail.com)



Mike Prieskorn's Dash



Jeff Hopp's Dash



George Kavalak's Dash



Roxanne Hicklin's King Midget Dash

## *FEATURE ARTICLE - PCCC IS ON FACEBOOK*

### **New PCCC Group Email Address and Facebook Group Page - Rick Lewis**

Please read this article as there are a couple of important features for the PCCC Club to consider. This is necessary to properly introduce these ideas and their benefits they could bring to the club:

**PCCC Group Email Address (i.e., an email alias) – [piedmont-ccc@googlegroups.com](mailto:piedmont-ccc@googlegroups.com)**

**PCCC Facebook Group Page - <https://www.facebook.com/groups/pcc.club/>**

I described both of these further below listing the key benefits and advantages of using these. I can also review and discuss these at the future club meeting to further describe the key features and benefits they give us.

#### **PCCC Group Email Address (i.e., an email alias)**

One email address for the club ([piedmont-ccc@googlegroups.com](mailto:piedmont-ccc@googlegroups.com)) that will go to all members. Member list is maintained by an admin (actually what is called an “Owner” and/or “Manager”)

**NOTE:** If club members leave or join the group, the alias will always go to the right and current set of members

For example, if someone replies to an email from 3 months ago, but the members list has changed (3 new people and 2 that left the club), it will still only go to the current club members.

No more manually maintaining a list of email addresses and sending out an email to the whole club saying “The PCCC Membership email list has changed so please use this list now.”

No more worrying about whether or not you have the right email list of all the members. Just simply use the PCCC Club email address: [piedmont-ccc@googlegroups.com](mailto:piedmont-ccc@googlegroups.com)

Messages to group are also viewable from a web page (i.e., on the PCCC Google Groups Page):  
<https://groups.google.com/forum/#!forum/piedmont-ccc>

Viewing is very similar to “Topics Forum” and/or “threaded” subjects in an email Inbox

It also allows us to search for messages that contain keywords you may be interested in (e.g., “Southern Classics Cruise-In”, “Club Meeting”).

**NOTE:** If the club agrees to use this, I can add all the active member’s email addresses to the club address and we can begin using this!

#### **New PCCC Facebook Group Page (vs Existing Fan Page)**

Group Page: <https://www.facebook.com/groups/pcc.club/>

Only official club members can be member of the Group Page.

However, it is an open page that is viewable to anyone – just like “Fan Page” so it helps promote the club.

NOTE: To join, go to: <https://www.facebook.com/groups/pcc.club/> and select the “Join Group” to become a member.

**Fan Page** (our current Facebook page): <https://www.facebook.com/piedmontccc>

Anyone can “Like” it. But does not make you a member.

## *FEATURE ARTICLE - PCCC IS ON FACEBOOK*

A Facebook Group Page has many benefits over a Fan Page that you just "Like"

**Key Features** (and all built into the group page and is for free)

### **News Feed**

Contains postings and comments from members of the club.

### **Events**

List of upcoming Car Shows, Cruises, and other events.

Note members can state if they are Attending, May Attend, or Declining.

This allows us to get a good indication of who's coming or not.

### **Photos**

Club can post photos of cruises, event, etc. One idea for this would be that each member could have a photo album to profile them and their car(s). See my photo album for example. Others have already started similar albums.

Another idea is to have a photo album, called "Parts for Sale" where members can upload a picture of a part w/ the description and asking price. See the one I have already started.

### **Files**

Place to upload files containing information about things.

Great place for "PCCC Newsletters", Car/Cruise-In flyers, etc.

### **Additional Benefits**

If you're a member of a Group Page, Facebook automatically puts "Favorite" link on your FB Home Page under the Group menu on the left hand side. Makes access to the page quick and easy.

**Note:** You do not get this for the Fan Page (you have to type in search bar to get to it or have it book marked).

Non-Group members cannot "Like" content (only view what is publically made available).

Prevents non-members from posting/commenting on things associated with what the club wants to share.

**Facebook Group Page Email and update notifications** (not the group email)

Facebook provides the group w/ an email address too: [pcc.club@groups.facebook.com](mailto:pcc.club@groups.facebook.com)

(DO NOT confuse this w/ the PCCC Group Email Address setup under Google Groups).



## *FEATURE ARTICLE - PCCC IS ON FACEBOOK*

Through Facebook settings, users can set whether or not they get email from Facebook or not (i.e., If updates made to the group page or if a member send an email to the Facebook Group Page email address.

If a member has the Group Email Notifications turned ON, then anyone who adds something (posts, comments, etc.) will get an email w/ the change. And if anyone replies to the email notification, it will be posted as well.

This is good if you want email notifications OR if you want to use email to put information on the FB Group Page using email.

Personally, I would turn his OFF since FB will already alert you to any update notifications if you log in via the notifications icon (showing an asterisk \*).

The PCCC can keep both the Group Page and the Fan Page. I recommend we keep both with someone being the admin of the "Fan Page" and someone being the admin for the "Group Page". While both pages can promote the club and viewable by all, the Group Page allows us additional benefits only available to the members.

Another interesting question to ask is with the Group Page, do we need a PCCC Web Site anymore? I personally don't think so. Facebook is free! It provides us w/ all the benefits we need. This is also what other car clubs are now doing. The PCCC web site requires internet access, the new site requires members to log in, so why not just use login to Facebook and just use the Group Page? Facebook is also now the dominant social networking tool with more users than any other social networking site in the world. It allows us to further promote the club through its viral nature and could be another tool to increase the number of club members we have!

Please share your feedback. And again, we can further discuss at the next club meeting but I wanted to introduce these as possible things we can do going forward. If there are any questions, please feel free to send me an email.

Thanks,

Rick Lewis ([rickjlewis1969@gmail.com](mailto:rickjlewis1969@gmail.com))





## How to Determine Your Axle Gear Ratio

When buying a used classic or muscle car, or looking for an axle from a junk yard, and you need to know what the ring and pinion gear ratio is in the axle's differential, as well as whether or not the axle has posi traction, a limited slip, locker, or open. One way is to look at the little metal tag that's bolted to the differential cover. The problem is that sometimes these tags are missing or unreadable, and sometimes a previous owner will have changed the gears and not bothered to change or remove the tag. Which in my case the Monte had a posi in it but the previous owner removed it but left the tag on the cover. It is now an open 12 bolt.

Another way is to remove the differential cover or the 3rd member and count the number of teeth on the gears. Unfortunately, this can get messy. However, it does tell you without a doubt what kind of gear you have. One somewhat easy yet very reliable way is to, raise the rear off the ground, disconnect the driveshaft, or put the trans in neutral mark the top of the wheel and the pinion yoke on the rear end, rotate one wheel, and count how many revolutions the pinion yoke/flange makes. Those instructions graze over some important details, so rather than simply reciting the instructions, I'll try to explain why things are the way they are. Let's pretend through this example that you have 3.73 gears (or are hoping they are been there done that). If you have a locker or posi traction (or even a limited slip with equal resistance on either wheel), then when you turn the driveshaft 3.73 full turns, BOTH wheels will rotate one full turn. That's the gear reduction at work.

Because of the way an open differential works, when you rotate one wheel to the left the other wheel has to turn in the opposite direction or not at all. In this situation, for every 3.73 turns of your driveshaft, the wheels make one revolution, all be it in opposite directions. Basically, for each 3.73 turns of the driveshaft, there must be two full wheel turns for the two wheels combined. When driving a straight line, each wheel makes one full turn. When turning, one wheel may make 0.8 turns while the other makes 1.2 turns. The tighter the turn, the more dramatic the difference between how fast the two wheels turn. This situation is exaggerated when you jack up only one rear wheel while leaving the other on the ground. One wheel cannot rotate at all, so the other wheel (the one you're turning) must make two full turns in order to get one full rotation of the ring gear in the differential. One rotation of the ring gear will generate 3.73 rotations of the pinion gear. If you jack up both tires and leave the tranny in gear, the ring gear won't be allowed to rotate at all. Therefore, if you jack up both wheels and try to rotate one of them (with an open diff), the opposite wheel will have to rotate the same number of times, but in the opposite direction. If you try this trick with a good limited slip, you'll have to really wrestle the tire in order to get it to turn, since you're trying to overcome the slip-limiting force of your limited slip differential. If you try this trick with a locker, you'll pop a blood vessel before you get the tire to turn, since a locker won't let either wheel rotate without the driveshaft turning. That's the whole point of a locker.

So, assuming you've got an axle up in the air with the driveshaft disconnected & neither wheel on the ground: If you turn one tire & the other one either stays still while the pinion rotates, or the other one rotates backward while the pinion stays still, or something in between, then you've got an open differential or a very weak limited slip rear with too many miles on it. If the latter be the case, you need to secure one wheel (perhaps by lowering the tire onto the ground), then you can figure your gear ratio by rotating the airborne tire TWO full rotations and counting the number of times the pinion rotates. 3.73 turns means 3.73 gears. If you only rotate the tire once, then 1.865 turns means 3.73 gears. If you turn one tire & the other one turns the same number of turns in the same direction, then you've got a good limited slip or posi unit. In this case, you can just rotate the tires ONE full rotation and figure your gear ratio by counting the number of times your pinion rotates. 3.73 turns means 3.73 gears. 4.11 2.73 etc. When determining your gear ratio, the key is that you need to make your ring gear (not necessarily your tire) make one full rotation.

*So if I have not totally confused you,  
Remember to keep the shiny side up and the greasy side down.*

## PCCC PARTS SWAP

Long Style Cast Iron Water Pump (for small block) [\$25]; HEI Distributor [\$75]; 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) [\$25]; Shop Vac [\$20]; K&N 13x2 Washable Air Filter [\$10]; 14x3 Air Filter [\$5]; 68-72 Chevelle Fuel Tank Door/License Plate Mount [\$10]; NEW Low-high pitch horn set w/ mounting kit [\$50]; Set of Chrome Lug Nuts/Washers for Cragar (7/16x20) [\$25]; Set of [4] Lug Nut Locks with key [\$10]

Jeff Hopp @ 919-467-9594

Small Block Quadrajet manifold [\$40]; Kenwood AM/FM Cass & CD Controller [\$100]; Kenwood 6 CD Changer [\$50] Ray Bader @ 919-387-0479

Erson Performance Cam and Lifters for 350 Small Block (Lift Intake - 435; Lift Exhaust - 455; Duration 275/278) Perfect Condition / Low Hrs. [\$75]; 4 original rally wheel centers [\$60]

John Gilliam @ 919-259-6239

Contact club members listed for more details on items for sale



## TRIVIA

*What were the 3 models of Chevelle when introduced in 1964?*  
**300, Malibu, SS**

*Answer from August 2012 Edition*

*What was the R.P.O. Z-11 ?*

*Answer in Oct 2012 Edition*

*August Trivia and Photo Winners - David Smith, Barry Kitchener, Don Cooper*



**GUESS THE YEAR & MAKE**



*Don Cooper's Chevy Pickup*

Send your answers to Jeff Hopp at [suncrest@nc.rr.com](mailto:suncrest@nc.rr.com)

**OUT AND ABOUT WITH PCCC**



**Photos by Rick Lewis, David Pittman, Jeff Hopp & Les Shelton**