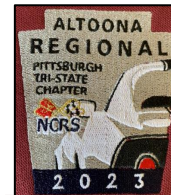




The Official Newsletter of the PITTSBURGH TRI - STATE CHAPTER National Corvette Restorers Society

Restoration...Preservation & Motoring Fun!



See page 4

NCRS Top Flight Chapter

<https://ncrspitt.com>

Spring 2023



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Chairman's Message:

Well now, this is certainly a little strange. Having had to always ask for the Chairman's report, now I'm the one writing one! Let me start by saying that it is truly an honor to be your Chairman for the next two years. I certainly have some big shoes to fill, following those gentlemen who held this position before me. I would also like you to welcome our newest board member Brooke Madeira who has agreed to step up and fill the vacant Vice Chairman position.



I've been in the Chapter since 2014 so I'm relatively a newbie so to speak in the NCRS. But, as many of you know I've really been involved both with the national as a revision team member on both the 73-74 and 75-77 TIM&JG 3rd Edition Revisions as well as having a few of my technical articles published in past Restorer Magazines and locally I've been an active PTSC board member serving as our Newsletter Editor and Vice Chairman.

Having said all this, I hope to continue helping to lead our Top Flight chapter in the positive manner we all have been accustomed to. Our board works very hard to schedule events each year that offer the opportunity to learn about the judging process, earn judging points, take road trips to new places and most importantly enjoy each other's company at our annual picnic and holiday banquet. Oh yeah, and how can I forget, continue to enjoy America's #1 sports car, our Corvettes. I would love to hear from you if you have ideas or suggestions for events in the future that you would like me to present to the board. *Remember that it is your chapter too!*

We've just had our first event of the year at John Kuhn's garage in Latrobe and if you did not attend you really missed a great one! We had national team leader Chuck Berge in attendance to discuss the NCRS Bowtie process. As well as a presentation by Bob Cirilli on testing your Corvette knowledge and a 1-point judging school. 32 members attended. Write-up and photos later in this newsletter.

Next up on the schedule is another great annual event up in Bedford, at **All Collector Autos**. This is a **judging school** and mini meet. Then, in May, we will road trip up to Altoona for the final regional preparations. Our **Altoona Regional is scheduled for June 1-3**. This is a major national showcase event for our chapter. Volunteers and sponsors are still needed and welcome. Contact Regional Chairman Don Geary if interested. Event registration forms are found later in this newsletter.

Finally, I want to warn our membership that every once-in-a-while you may receive a SPAM email from me requesting money or gift cards etc. Please **do not** respond to any of these. **I will never ask for any of those!**

Hope to see you at one of our future events! JP

Judging Chairman's Message: Bill Bryan

Hello everyone, I just finished up all the paperwork from our judging school and tech session at John Kuhn's garage. We had a special speaker Chuck Berge, who taught us a lot about Bowtie judging, something we all are not really familiar with. We also had Bob Cirilli entertaining us and exercising our minds with a "how well do know the Corvette" quiz. Thanks to each of them!



The event was well attended and I look forward to our next one. Our next annual event will be April 23rd, at Dylan Stahl's showroom, All Collector Autos in Bedford Pa. This event will be an intense focus on training new judges with many experienced judges on hand to do the training. We will be judging two cars. There will be a tech session on standard deductions, including the recent changes our national team leaders suggested and our national judging chairman approved. All this will make it a three-point event. The **emphasis will be on judges training**, not on just getting the cars judged. The cars being judged will be a by-product. The training will be our goal! So, please try to attend. We usually have a large turnout and everyone goes away learning something, even those of us teaching, learn how to be better judges. Remember the date April 23rd. Registration form can be found later on in this newsletter.

***Also remember to sign up for our regional this year, June 1,2,3, the board members have put a lot of work into this event, it will be one of our best. Don't miss it sign up early.**

Now for an update on a major project I have going on. A 67 427/400hp. The biggest part is getting the paint work done 100's of hours in labor. For me though it's always hard to find the time, but it's getting closer. It's ready for the paint booth with all the blackout done and body prepped as you can see in the photo below. I will be planning a tech session on paint prep soon for one of our future events. Anyone with questions or suggestions please contact me. I always appreciate the help on planning the tech sessions. If you would like to present at one of our sessions just let me know. In the picture below, the car is not a "shined up" beauty but it sure is smooth with great body lines.

See everyone in Bedford, and Altoona is coming up fast! *Bill*



Sponsorship Opportunities

BE A MAJOR SPONSOR!

1. Banquet Saturday Night \$2500
2. Reception Thursday Night..... \$2000
3. Registration Desk (Thurs -Sat.) ...\$1200
4. Friday Breakfast..... \$1200
5. Friday Lunch..... \$1200
6. Saturday Breakfast.....\$1200
7. Saturday Lunch.....\$1200
8. Recognition for Judges..... \$1200

BE A MINOR SPONSOR!

1. Indoor Vendor Space..... \$200 ea. space
2. Indoor Car Display..... \$100 ea. Car
3. Outdoor Vendor Space.....\$100 ea. Space
4. Outdoor Car Display..... \$100 ea. Car
5. Program Booklet Ad..... \$100 Full page/\$50 Half page
6. General Donation.....\$ Any Amount

Be a Sponsor, make a Pledge, or give a Donation! Come to the Blair County Convention Center in Altoona, Pa. and enjoy this fantastic Corvette event with hundreds of Corvette enthusiasts and customers. Be a part of this great **REGIONAL EVENT**. Support the Restoration, Preservation, History and Enjoyment of the Chevrolet Corvette. Thank you!

Don Geary, Regional Chairman

2023 Officers and Chairpersons

Chairman- Jimmy Patitucci

724-737-6396 jjppat@breezeline.net

Vice Chairman – Brooke Madeira

724-875-4903 befoor@gmail.com

Treasurer - Norm Neffield

724-832-1935 nneffield@comcast.net

Secretary - Jim Wainwright

814-381-5512 james_wainwright@hsb.com

Judging Chairman - Bill Bryan

814-931-9101 crosskeystv@yahoo.com

Membership - Judy Geary

724-834-5586 gearyjt@comcast.net

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724-443-6982 jjeffries@zoominternet.net

Outside Coordinator – Bob Stokes 412-

600-7727 robert.stokes@verizon.net

Newsletter Editor – Jimmy Patitucci

724-737-6396 jjppat@breezeline.net

Historian - Barry Holmes

724-468-6609 drbarry57@comcast.net

Webmaster- Don Geary

724-875-7749 dlgeary@comcast.net

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Don Geary – 724-875-7749

dlgeary@comcast.net

Dave Kitch-724-468-4094

dmkitch@comcast.net

John DeGregory -724-832-3786

JohnDeGreg@aol.com

Altoona Regional Chairman & Contact:

Don Geary 724-875-7749

dlgeary@comcast.net

Membership News: Judy Geary

As of our March board meeting, we have 126 members which include the two new members listed below.

Please welcome our newest members!

*Melody Brugh #70078
6020 Buckeye Valley Road NE
Somerset, OH 43783*

740-334-1833

mlbrugh@outlook.com

Toys: 1963 SWC & 1978

Edward Sellers #70029

4777 Sciota Street

Pittsburgh, Pa. 15224

412-953-4577

Sellers4777@comcast.net

No car info:

*Important reminder:
You must maintain your national NCRS membership to continue to be a member of our Pittsburgh Tri-State NCRS Chapter!*

*PTSC Hosting the Altoona Regional June 1-3, 2023
At the Blair County Convention Center
Altoona, Pa.*



“We are excited to host the only Regional in the north east US in 2023. This is our third regional at this location and 7th overall regional for our chapter. The host location is the Blair County Convention center with a huge indoor, partially carpeted show floor and an adjacent 6 level garage for operation judging and general parking. We plan on using the show floor for all Judged, PV and Bowtie/Sportsman displays as show size permits. We have onsite trailer parking and the host hotel, Marriott Altoona, is next door with a covered walkway to the convention center.

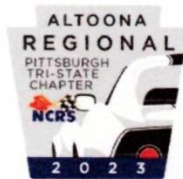
We have just finalized our menu selections and they are awesome as usual. Judges and chapter workers will be treated to full hot cooked breakfast and lunch on both judging days. Our Thursday reception will be staged in the Grand Lobby with a summer barbeque theme fully catered food selections with live entertainment. Our Saturday banquet is a multi-station buffet with chef served short ribs, fresh salmon fillets, parmesan chicken breasts, pasta and for dessert a build your own ice cream sundae bar. We are known for our food here in Pittsburgh at our events. Also, there will be hot lunch sandwiches available for purchase on the show floor for owners, guests and non-judges.

We are still accepting sponsors for the event, so if you are interested, contact us for more info.

Owners, please consider bringing your car for flight judging or PV or display, we would love to **have you and promise you will have a great time.** If you need to have your car judged prior to the French Lick National, or Hampton Roads National, we are your first stop in the north east.

There are a large number of local activities in the Altoona area, including Railroad history museums, antiques, candy and pretzel manufacturers, flight 93 memorial, etc. We will provide a list of local highlights in each registration packet.”

Don Geary, Regional Chairman & Contact person. djgeary@comcast.net



NCRS ALTOONA Regional Meet Registration Form

Sponsored by the Pittsburgh Tri-State Chapter
June 1-3, 2023, Blair County Convention Center, Altoona, PA

We offer a discount to use ONLINE registration at: www.ncrs.org/events/register. This registration form (full size 8½ x 11) is also on our website at: www.ncrspitt.com

NCRS Membership # NCRS Chapter Affiliation: _____

Name: _____ Spouse/Guest: _____

Street Address: _____ City: _____ State: _____ Zip: _____

Phone: Home: _____ – Cell: _____ – email: _____

EVENT REGISTRATION: (Please fill in numbers [#] requested and multiplied \$ amount)

Family registration*(Online price \$90).....Price via mail =..... \$100* \$ 100
 *Late Registration Fee (\$35 if postmarked after 05/05/2023)..... \$35 \$ _____
 Non-NCRS Member registration (allow attendance to schools and seminars) # attending ____ \$30 ea. \$ _____
 Thursday night Reception and Social (cash bar) # attending ____ \$ no charge
 Saturday Awards banquet # adults attending ____ \$60 ea. \$ _____
 Mailing/Handling fee for certificates & ribbons, if not attending banquet..... \$30 \$ _____
 Regional Meet T-Shirts: #M ____ #L ____ #XL ____ #2XL ____ #3XL ____ – Total # All T-Shirt Sizes \$20 ea. \$ _____
 Regional Meet Golf Shirts: #M ____ #L ____ #XL ____ #2XL ____ #3XL ____ – Total # All Golf Shirt Sizes \$40 ea. \$ _____
 Regional Meet Hats \$16 ea. \$ _____

CORVETTE REGISTRATION: (Please check requested items and fill in \$ amount)

_____ Flight Judging EntryBowtie Candidate judging: Yes ___ / No _____ \$100 \$ _____
 _____ Performance Verification Entry.(include proof of 3rd flight or better)..... \$100 \$ _____
 _____ Sportsman's Display..... \$30 \$ _____
 _____ Concours Judging \$75 \$ _____
 _____ Signoff: Crossed Flags, American Heritage, Challenge car, Regional Founders ops (circle)..... \$50 \$ _____
 _____ Display: Duntov/McLellan/Hill/Crossed Flags/American Heritage, Bowtie,1973 Display (circle category)... \$ no charge
 _____ Secured Trailer Parking (required if you bring a trailer)Note: no RV parking on Convention property.\$50 \$ _____
 _____ Join or Renew Pittsburgh Tri-State Chapter Membership..... \$20 \$ _____
CHECK # _____ ENCLOSED FOR TOTAL OF ALL ITEMS ABOVE..... \$ _____

CORVETTE VEHICLE INFORMATION: (please print clearly)

Year _____ – Coupe or Conv. – Engine CI/HP: _____ / _____ – VIN: _____
 Exterior Color: _____ – Interior Color: _____ – Interior Fabric: _____
 Build Date*: _____ – Paint Code*: _____ – Trim Code*: _____ – Body Number ('63-'67 only): _____
 *1963-1996 per Trim Tag/Service ID Label
 Insurance Co: _____ – Policy #: _____ – Exp Date: ___ / ___ / ___

Registration: Please include insurance and ownership proof (both valid through Sunday 6/3/2023) with your registration. Note: Cancellation of this registration after it is accepted will be handled on an individual basis. No refunds will be given after 05/05/2023.

JUDGING PARTICIPATION: Enter your year (or class) and judging category preferences in the boxes below. Thank you!

Yes, I would like to Flight Judge as follows:	Year	Any as needed	OPS	INT	EXT	MECH	CHASSIS	Shirt Size: _____ My Judging Level is: _____
1st preference >								I don't know my Judging Level > <input type="checkbox"/>
2nd preference >								I would like to be an Observer Judge > <input type="checkbox"/>
3rd preference >								I would like to be a Tabulator > <input type="checkbox"/>

I agree to insure my vehicle and property against loss, damage, and liability and to provide proof of such insurance to the NCRS at the time of registration. I agree to assume the risk of any and all damages or injury and to indemnify and hold harmless, NCRS, its officers, directors, agents, employees and Chapters for any acts or omissions which may result in the theft or destruction of my property or injury to me or others occurring during or as a consequence of this meet. Your signature below signifies that you have read and agree to all individual meet requirements. Proof of Insurance and ownership must be presented at the meet.

Signature: _____ – Date: ___ / ___ / ___

Make Checks Payable To: **Pittsburgh Tri-State Chapter NCRS** Registration must be postmarked by 05/05/2023.

Mail To: Bill Bryan, 410 Mile Hill Rd, Duncansville, PA 16635 – email: crosskeystv@yahoo.com – Phone: 814-931-9101

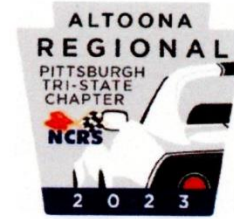
Meet Contact: Don Geary, 117 Caldwell Dr, Jeannette, PA 15644 – email: djgeary@comcast.net – Phone: 724-875-7749

Judging Chairman: Bill Bryan – email: crosskeystv@yahoo.com – Phone: 814-931-9101

Host Hotel Info: Courtyard by Marriott Altoona: 814-312-1800 NCRS rate \$124, Holiday Inn Express: 814-693-1004 NCRS rate: \$124



**2023 ALTOONA
REGIONAL MEET**
June 1-3, 2023
SCHEDULE OF EVENTS



THURSDAY 6/1/23

9:00 AM - 5:00 PM	Registration / Information
10:00 AM - 5:00 PM	Operations Judging for Flight cars prior to entry to halls in Garage 2 nd and 3rd Floor
10:00 AM - 5:00 PM	Performance Verification – By Appointment
4:30 PM - 5:30 PM	Judging School by Dave Brigham
6:00 PM	All cars must be in the Exhibit hall – no exceptions
8:00 PM - 10:00 PM	Regional Reception / Social (cash bar) in the Grand Lobby
7:00 PM - 7:00 AM	Secured Parking – Corvettes, trailers

FRIDAY 6/2/23

7:00 AM – 8:00 AM	Judges meeting / breakfast (1 st day judges)
8:15 AM - 8:30 AM	Owners meeting for 1 st day judging
8:30 AM - 4:00 PM	Flight judging 56-57, 58-60, 63-64, 65, 67BB, 68-69, 90-96, Concours (all subject to change)
9:00 AM - 4:00 PM	Information / Help Desk (Registration window) open
9:00 AM - 4:00 PM	Vendor Displays open
9:30 AM - 3:30 PM	Advanced Judging School
4:00 PM - 5:00 PM	Technical Seminar/Judging School (C4 by Mirrock Corvette)
7:00 PM - 7:00 AM	Secured Parking – Corvettes, trailers

SATURDAY 6/3/23

7:00 AM - 8:00 AM	Judges meeting / breakfast (2 nd day judges)
8:15 AM - 8:30 AM	Owners meeting for 2 nd day judging
8:30 AM - 4:00 PM	Flight judging 53-55, 61-62, 66, 67SB, 70-72, 73-82, 84-89, 97-04 (all subject to change)
9:00 AM - 4:00 PM	Information / Help Desk (Registration window) open
9:30 AM – 3:30 PM	Advanced Judging School
4:00 PM - 5:00 PM	Judged cars released by Head Judge
6:30 PM - 7:30 PM	Social hour (cash bar)
7:30 PM 9:30 pm	Awards Banquet
7:00 PM - 7:00 AM	Secured Parking – Corvettes, trailers

Event location and host hotel information:

Blair County Convention Center 1 Convention Center Dr Altoona, Pa <http://blairconventioncenter.com/>

Courtyard by Marriott 2 Convention Center Dr Altoona, Pa Front desk: 814-312-1800 mention NCRS for group rate \$124

Link to hotel reservation is on our website: www.ncrspitt.com Room rate will be held until 5/15/23

Holiday Inn Express 115 Convention Center Dr, Altoona, PA 16635 Room Rate: \$124

Event Registration (Link available on www.ncrs.org)

Online registration and payment using the NCRS Event Registration System is recommend and discounted. Pay online using your paypal or credit cards. This assures your timely registration. Log into ncrs.org, then services, > coming events > event registration > PA Regional Pre-registration deadline is 5/5/23. Registrations after 5/5/23 will be assessed a \$35 late fee. Wear your name badges at all times for admittance to the event and main exhibit hall.

Registration and Judging Info:

To register your corvette for judging or display, please include proof of ownership and insurance coverage through 6/3/23, with the registration. All corvettes registered for flight judging, special interest or other display categories will be inside the center and sportsman entries will be admitted as space is available. All cars must be inside by 6 PM on Thursday 6/1/23 and will remain in place until dismissed by the judging chairman on 6/3/23. Flight classes are limited and acceptance will be based on registration and payment date.

Security will be provided for cars and trailers each night from Wed 5/31/23 7PM through Sunday 6/3/23 7 AM. Fire marshal regulations require all cars inside the Convention Center have battery disconnects and gas tanks at ¼ full with gas caps taped.

Fuse Protection – Following Electrical Repairs

By: Dave Kitch (33108)

Dave's Corvette Corner

I recently experienced an engine electrical harness short and meltdown while working on my 65 Corvette coupe. I was replacing spark plug wires and removed the alternator to obtain more accessibility to right front two cylinders. The alternator was the OEM one that had never been rebuilt.

Following the installation of all of the new wires, I remounted the alternator, closed the battery cut-off switch, and started the car. The car started but smoke started billowing from the right front of the engine compartment. I immediately turned off the engine and opened the cut-off switch. The engine harness was badly burned between the alternator and regulator. **See Fig. 1 & 2. below**



I ordered a new engine harness and took the alternator and regulator to an electrical repair shop for refurbishment. I tested the horn relay and it tested good. The electrical shop reported that the alternator had one bad diode and the regulator was cleaned and adjusted.

I installed the new harness, alternator, regulator, and horn relay. However, a tip that I received on the NCRS TDB suggested adding a 15-amp fuse in a fuse holder to form a circuit protector between the battery pos (+) terminal and solenoid (+) terminal.

Fig. 3 below shows the fuse location on the wiring diagram.

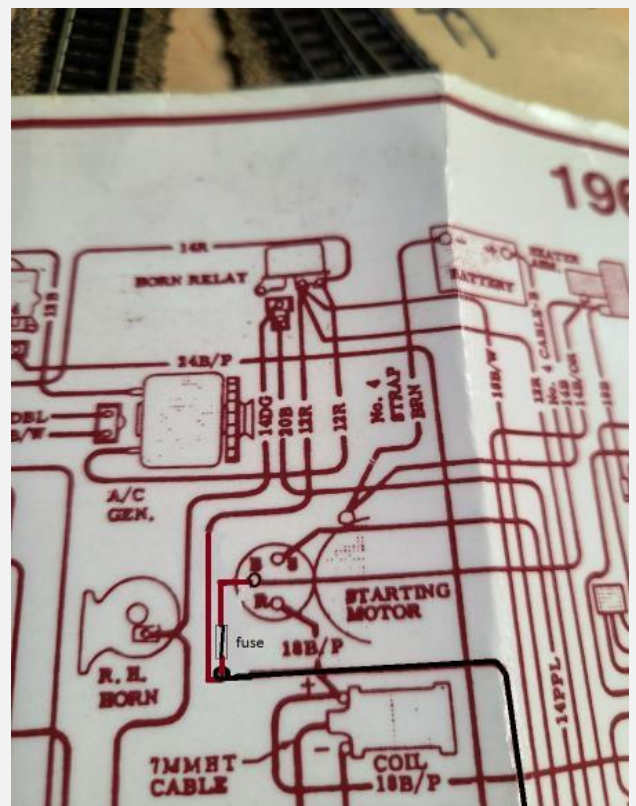
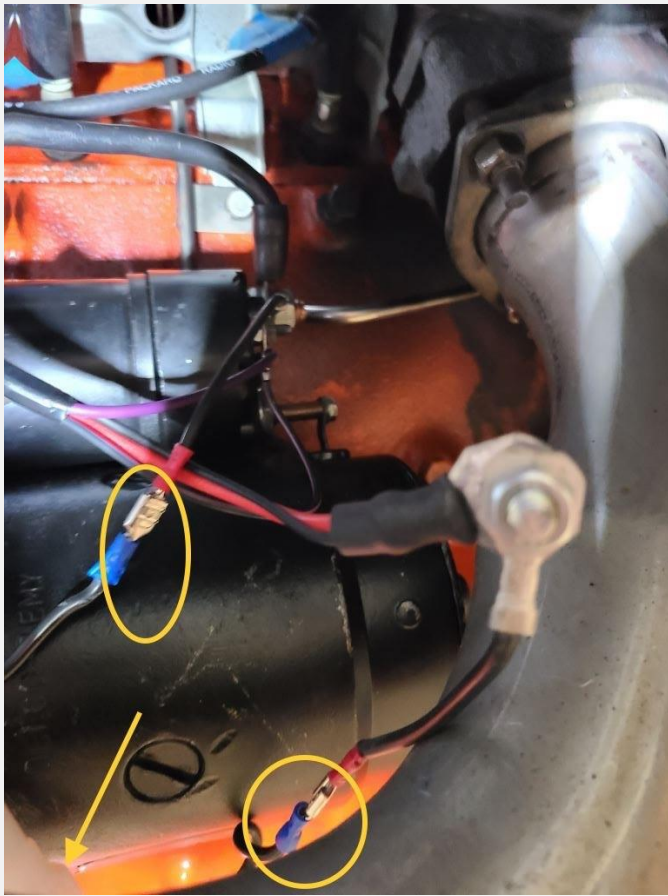


Fig. 4 on the next page illustrates the jumper assembly. Once I made this connection, I closed the battery cut-off switch and nothing happened. I opened the driver's side door and courtesy light came on. Success!



Yellow arrow points to the in-line fuse holder. I repeated the test and continued to check for continuity through the fuse holder. Removed the fuse holder and connected the wiring back to the solenoid and started the car several times.

I recommend that following electrical work that you install an inline fuse holder to detect for shorts prior to reconnecting the battery.

GM recognized the electrical circuit vulnerabilities and started adding fusible links in their cars starting in 1967.

I would like to acknowledge PTSC member Norm Neffield for pointing out that in his opinion it was the alternator that caused the short. Finally, I'd also like to thank NCRS member Rich Mozetta for his suggestion to add the inline fuse.

This technique worked for me and I hope by sharing it here someone else will benefit from it.

Dave
Kitch's Corvette Corner

PTSC Food for Thought:

C8 vs Ferrari

by: Bob Cirilli (37109)

We have all heard that GM used the Ferrari in designing the C8 Corvette. I recently had the opportunity to read about a new technology that Ferrari has designed. "Ferrari Active Suspension Technology" This technology allows one to enter a curve and get zero roll.

Here is how it works; each of four dampers incorporates a smart actuator that provides active force via a revolutionary e-motor linked to the damper rod. The force applied depends on information taken from accelerometers, wheel position sensors and 6D yaw-rate sensors. In this way, total control of damper movement is achieved. A separate battery and cooling system, is required for the proper working of the system.

Road and driving inputs are through 3 body accelerometers, 4- wheel accelerometers, 4- wheel sensors, a yaw-rate sensor and the vehicle speed. Now if this all sounds like a bunch of engineering speak, you are right. I am not this smart but I did take it from the Ferrari magazine which talked in depth about it. Our C8 Corvettes are pretty good at cornering but could this be the next step? How far can tire technology go?

Just my thoughts, *Bob*

If You Can Read This Thank a Teacher!

If You Can Read This in English Thank a Soldier!



PTSC Technically Speaking II:

A “tech tip” for repairing a broken original Corvette letter Stud!

By: NCRS member Doug Craner

Doug is a fellow NCRS member and a '73 Corvette owner. He sent this tech tip to me and gave me permission to share it here in our Newsletter.

“I removed the rear CORVETTE letters on my car to buff and polish the rear panel. While reinstalling the letters the stud on the back of the letter R broke off. The letters are original, so I had to fix it. The following and the attached photos may be useful if this comes up with someone else.”

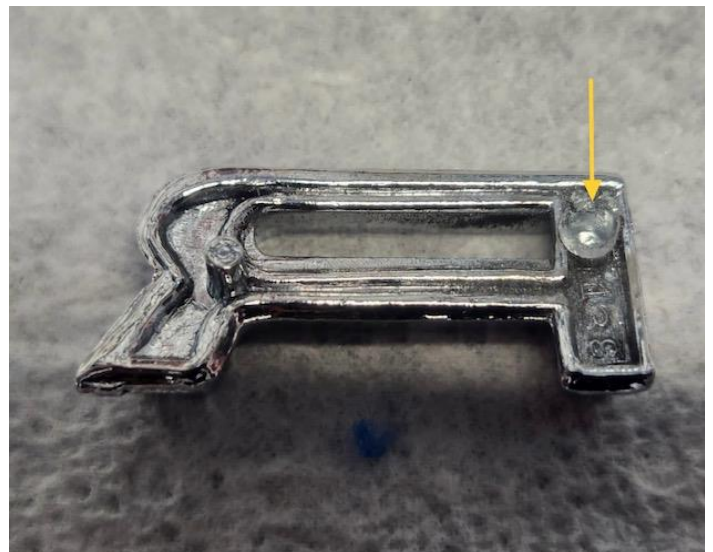
1. In this photo you can see the broken stud as well as the part numbers on the back of the letter 'R'.



2. Ground remaining stub flat in photo below.



3. Drilled hole, being careful not to go too deep. Since the metal is soft. I took a machine screw sized enough to self-thread in with Loctite on the threads (bottom right).





4. I put a nut on the screw so when I screwed it in with the Loctite I could then cut the screw head off.



5. Removing the nut would clean up the threads. I figured using the nut with a small star washer will hold the letter in place nicely. Hope you find this tech tip useful!



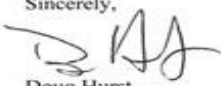
Greater Greensburg Marine Corps League Detachment 834
USMCR Toys for Tots Sponsor

17 January 2023

NCRS Members,

We would like to extend our gratitude for your generous donation of \$225.00 and toys to our 2022 Toys for Tots Campaign. With your donation to aid in our mission to help the underprivileged children of Westmoreland County have "a little Christmas." Thank you and know that the parents of these children do appreciate your donation.

Sincerely,




Doug Hurst
Toys for Tots Coordinator
2419 Cypress Dr.
Greensburg, PA 15601
724-834-4542
ghurst430@comcast.net
westmoreland.pa@toysfortots.org
www.jeannette-pa.toysfortots.org
Westmoreland Marine Toys for Tots on Facebook

No program in 2020-2021 Covid



2018 2019 2020 2021

2023 - The 1973 Corvette turns 50!

"The Rodney Dangerfield of the C3's" by Jimmy Patitucci #60161

This year the '73 Corvette celebrates its 50th Anniversary. I like to call it the *Rodney Dangerfield* of the C3's. Why?... Because it doesn't get the respect it deserves. For those of you who remember the famous comedian from back in the 60's & 70's, his famous quote was always "I get no respect!". The '73 has a unique one year only body style in that it still has the chrome rear bumpers even though the front bumper was redesigned to meet the federal 5-mph standards. It was a body color, molded urethane cover over the bumper system that could withstand a 5-mph impact without damage to the front end, lights etc. Many of you may or may not know that the famous Corvette designer Larry Shinoda chose the '73 as one of his favorites. He thought the long sleek front end and abrupt rear was the closest to the original designer's intent for the 3rd generation Mako-Shark production models.

Other '73 Firsts:

New coolant recovery system, more sound deadening material added, sound absorbing hood insulation, rubber chassis mounts replaced the steel mounts which isolated road chatter, the often troublesome 68-72 lifting windshield wiper panel was replaced by a longer new hood with rear cold air induction, steel beams were added to the door panels for side impact protection, this was also the first year for Radial Tires, which as we all know were terrible and became one of Firestone's largest tires recalls in history. YJ8 cast aluminum wheels were also offered but Chevrolet rejected the wheels for porosity issues and recalled the wheels that were released. Rumor has it 800 sets were produced. Records show only four sets sold; actual number remaining is still unknown. Finally, no more removable rear window in the coupes which allowed for more height in the rear storage area. Zora thought the removable window caused too much interior air buffeting thus, his reason for eliminating it.

One other 'one-year only' design Corvette comes to mind and that is the 1963 Split Window Coupe. Will the '73 ever gain as much respect as the '63 has? Probably not, but only time will tell! *JP*

Base coupe price-\$5,561.50

Base convertible price- \$5,398.50

PS- My '73 turns 50 on April 30, 2023



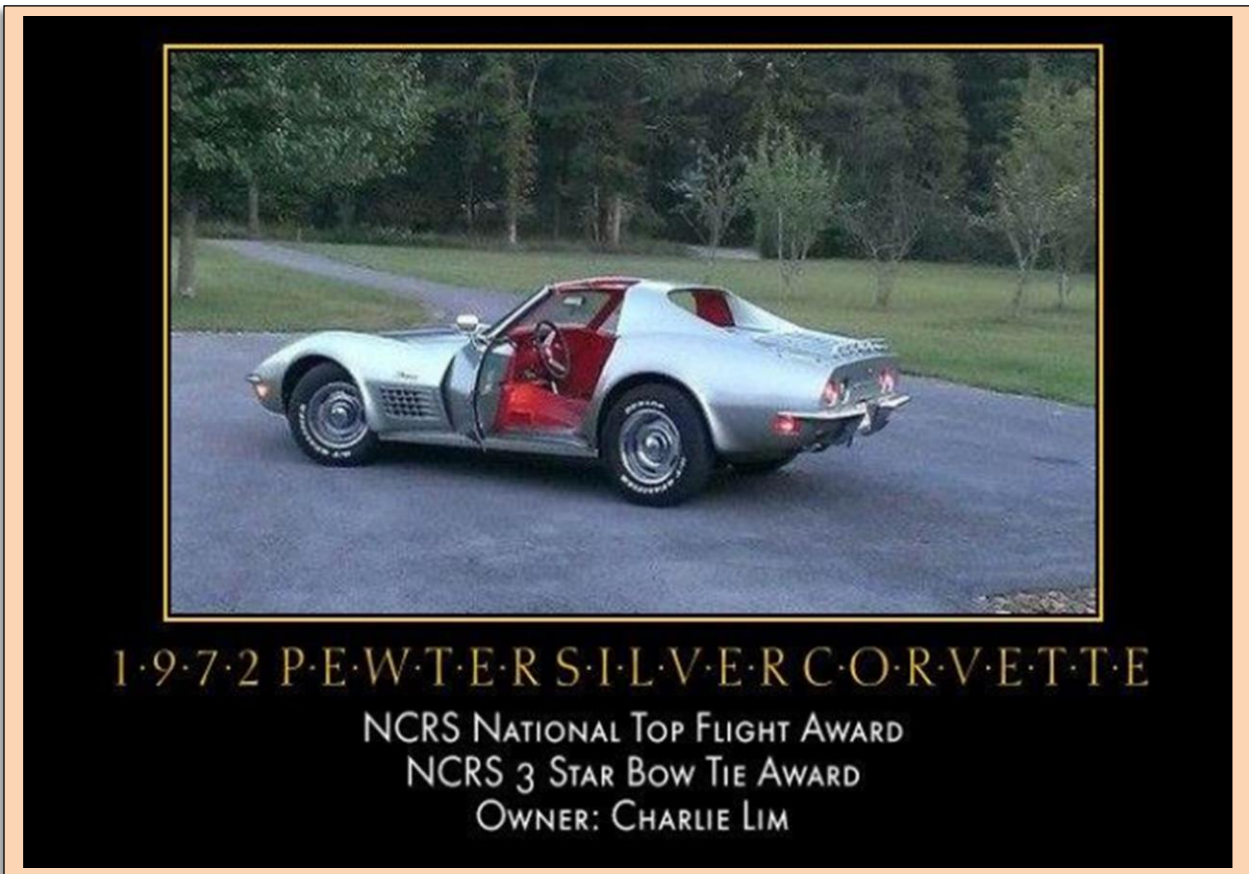
E-Ray; The First Battery-Powered Corvette

A small 1.1-kWh lithium-ion battery powers the E-Ray's permanent-magnet synchronous AC motor; a separate 12-volt lithium-ion battery supports the V-8's stop-start function and other accessories. The main pack is entirely contained in the center tunnel that separates both passengers. Chevy says it weighs about 100 pounds, with its 80 pouches supplied by LG but assembled by GM.

Its tiny battery is also the reason the E-Ray isn't a plug-in hybrid. Chevy says it's designed to rapidly charge and discharge itself. The amount of electric assist varies among the six selectable drive modes, and there's also a hybrid-only function called Charge+ that can be activated to maximize the battery's state of charge, which is said to be especially useful while lapping longer racetracks. Pure-electric driving is very limited, with Chevy estimating up to five miles of range in the E-Ray's exclusive Stealth mode. The latter only works up to 45 mph or until the driver activates the gas engine with the throttle. The main benefit of Stealth mode is respecting others, with the ability to quietly exit neighborhoods without the gas engine's boisterous soundtrack. The electric motor has an open diff and uses brake-based torque vectoring. It's also intended to optimize performance rather than efficiency, so while the hybrid should be the most frugal Corvette at the gas pump, don't expect Prius-level fuel economy when its EPA ratings eventually come out. In Stealth mode, the hybrid Corvette emits a futuristic hum for safety reasons and probably because it sounds cool. Even when the vociferous V-8 gets involved, the two sounds merge to create a raucous sci-fi melody inside the cabin. (Car&Driver).

RPM Feature Article: "My Corvette Story" by Charles Lim #22946

"Memories of my 1972 NCRS Judging Travels to Star/Bowtie"



"First, I want to thank all the judges and support staff that dedicated their time and efforts towards the NCRS program. I purchased my Corvette in 1993 from a local owner in Pittsburgh, Pa. He had the sales window sticker, the protect-0-plate and all the local repair history documented.

The next effort was to determine how original my car was based on discussions with a local Vette mechanic and Don Spangler. Subsequently, I joined the NCRS and had my car judged at the local chapter level. It received a 2nd Flight Award." (Photo Below)



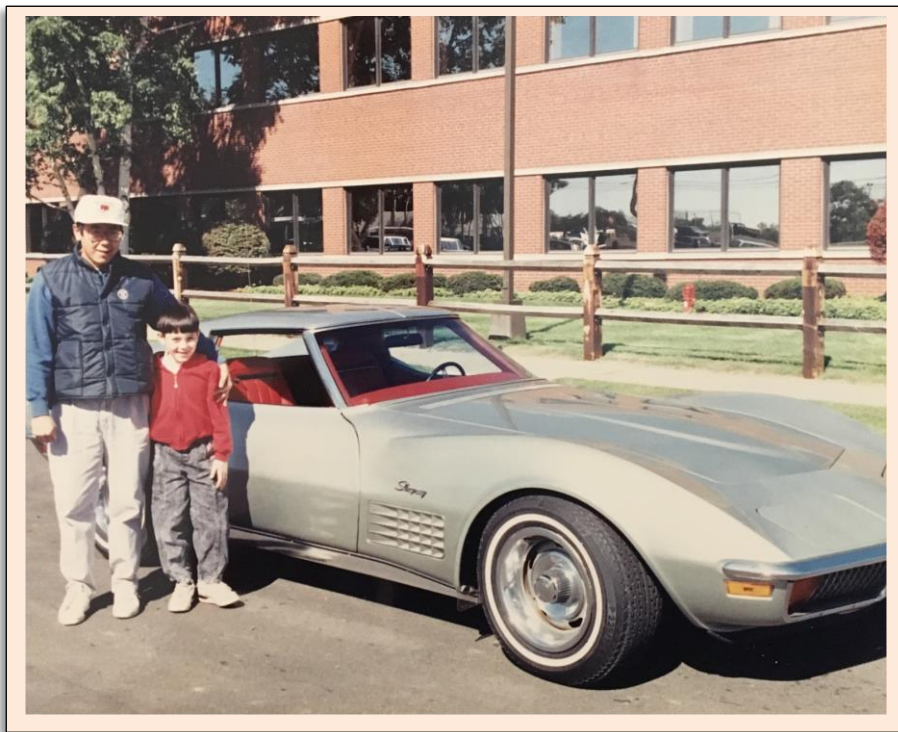
"I obtained a 70-72 judging manual to determine how I could achieve the next level. After reading the manual and tips from the first judging event, I assembled the needed tires, windshield wipers and had my AC compressor replaced. I followed up by going to the next judging event in 1994 in Seven Springs, Pa., which was a National NCRS event. While there I was honored to see and meet Zora Duntov. My son, who was 7 years old at the time was also thrilled. My Corvette achieved a National Top Flight Award, and Zora autographed the award and ribbon." (See photo on next page.)

“Also, during this event the judges recommended that I take the car for Bowtie judging due to its’ original condition.



Based on the judges’ recommendations I went to the NCRS National in Lake Placid, NY. in 1997. Bowtie Awards are only earned at National Conventions. It was the first time trailering a car. It certainly was an interesting experience to say the least. During my trip I saw a fire extinguisher fly off a flat-bed truck bouncing toward me. The next event while driving a piece of debris, which I thought to be a rubber tire, was actually a piece of a fender. It was lodged under the towing trailer and caused sparking under the Corvette. I pulled over and removed it. Thank God, there wasn’t any damage to the Corvette.

I am very happy to say that my 1972 Corvette was judged a 3-Star Bowtie at this event in Lake Placid. This prestigious award is pictured below on the right, as well as a photo of me and my son next to the ‘72.”



This is “My Corvette Story”, hope you enjoyed it!”

Charles Lim

2023 PTSC ANNUAL TECHNICAL SEMINAR & JUDGING SCHOOL

Write up: Jimmy Patitucci

Photos: Jimmy Patitucci, Charles Lim & Bob Stokes & others.

On Sunday March 5th our Chapter held its' annual March Technical Seminar and Judging School in Latrobe, Pa. at John Kuhn's Garage. This was our second year at John's "*Specialty Cars Limited*" showroom. John's son John Ross is co-owner and he too welcomes us with open arms. We had a really great turnout of about 32 members. As he always does John pulls out all the stops when he hosts an event at his place. This year was no exception.

After I welcomed everyone, judging chair Bill Bryan went over the agenda for the day. Then introduced our special guest presenter. National 68-72 NCRS Team Leader Chuck Berge made the trip up from Virginia to speak to our members about the NCRS Bowtie Award Process. After listening to Chuck its clear to see why this Award is so special.

Bill speaking to the group.



Bob Cirilli testing our Corvette knowledge.



In the photo above at the right member Bob Cirilli got the ball rolling with a neat exercise on testing your Corvette knowledge. He asked the group a series of 45 questions about the Corvette from 1953 thru 2023. It was interesting to see how hard everyone was thinking about what the correct answer would be. The hardest part was trying to keep everyone from yelling out the answer if they knew it, just like they did in school. (*'come on' we all did it!*) Most were shocked at how many questions they *didn't* get correct. Good thing the tests weren't graded.

After Bob's opening exercise Chuck Berge went over the Bowtie Award process with the group. He used the '63 that Bill brought to point out original & non-original items. The beautiful 1963 Corvette was loaned by owner Jonathan Holtz.

"If You Can Read This Thank a teacher" "If You Can Read This in English Thank a Soldier" ...Bob Cirilli



Chuck speaking to the group!



Top right photo: L-R, Don Geary, Bob Stokes, Paul DiSanto, Bob Cirilli, Stu Benson / Bottom right: L-R, Barry Holmes, Norm Neffield, Jim Wainwright



The photo above of the beautiful 1963 Split Window Corvette belongs to owner (Jonathan Holtz) who let us use his car, was submitted by Bob Stokes.

Don Geary, the **Altoona Regional Chairman** gave us an update of the regional registrations to date and we are doing very well. Please register your car soon because the classes are filling up quickly. Also, we need chapter help so please contact Don if you haven't already. The chapter will provide meals for all chapter workers.

Mike Bucheit gave an update on the regional sponsorships to date as well.

Continued on next page:

Lunch was catered again this year and yes, it featured the now “PTSC famous meatloaf” that everyone always asks John about. Another chapter favorite is Vice Chair Brooke’s “also PTSC **now** famous macaroni salad” made the menu as well. Needless to say, no one left with an empty belly! John even had some take-out containers on hand. Special thanks to John Kuhns and his son John Ross for opening up their showroom for this event. They always make everyone feel right at home. Also, thanks to Chuck Berge for taking time from his busy schedule to come up to Latrobe to present, and share his expertise and knowledge with all of us. Bob Cirilli for his presentation. Finally, thanks to our very own judging chairman Bill Bryan for organizing this Seminar/Judging Event. He never fails to make sure we have a full agenda for the day, and everyone leaves knowing a bit more about the judging and technical aspect of the NCRS and our Corvettes. Needless to say, everyone had a great time. *JP (Enjoy more photos from the event below).*



Photos above: Top left- Chuck going over mechanical. Top right- John Kuhns intent on getting all the answers correct! Bottom left- group listening to Chuck. Bottom right- everyone working hard as instructor Mr. Cirilli asks the questions!

More photos from the event:

Me & Chuck...Photo: Charles Lim



Presenting John with our Appreciation Award /Photo: Bob Thompson



Oh, and by the way John had an awesome Black/Red 2023 Corvette on display in the showroom!



Trivia Question:

In the photo to the left Norm Neffield is sporting a T-shirt with numbers on it.

Question is: What do they stand for, or mean?

Answer on page-

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PTSC 2023 Event Schedule

April 23 (Sun) Judging School /Mini Meet at

All Collector Auto, Bedford, Pa.

Coordinators: Bill Bryan & Dylan Stahl

May 7 (Sun) Spring Road Trip to Altoona Blair County

Convention Center (BCCC) Altoona, Pa.

Final trip up before the Regional

Coordinators: Don Geary & Bill Bryan

June 1-3 Altoona Regional Judged Event

Blair County Convention Center, Altoona, Pa.

Coordinators: Don Geary & Bill Bryan

August 6 (Sun) Annual Picnic & Membership Meeting

at Indian Lake Park

North Huntingdon, Pa.

Coordinators: Frank Gavron & Paul DiSanto

Sept. 24 (Sun) Fall Road Trip & Judging School

John Kuzmishin's Garage

5301 Butler St. Pittsburgh, Pa.

Coordinator: Don Geary, Bill Bryan & John Kuzmishin

October 14 & 15 (Sat & Sun) PTSC Judged Event

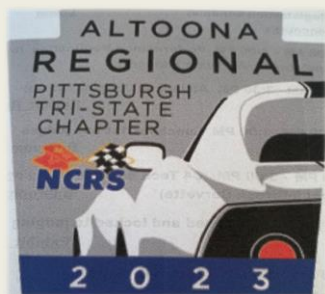
Greenwood's Hubbard Chevrolet, Hubbard, Ohio

Coordinators: Ken Jelley & Bill Bryan

Dec. 3 (Sun) Annual Banquet & Membership Mtg.

Rodney's Restaurant, Irwin, Pa.

Coordinator: John DeGregory



NCRS Calendar of Events

National & Regionals

2023

June 1-2 Pittsburgh Tri-State

Regional

BCCC, Altoona, Pa.

June 8-10 North Central Regional

Rochester, New York

July 23-27 NCRS National

Convention

French Lick, Indiana

September 14-16 Ontario Regional

Ontario Canada (*date change*)

August 24-26 NCRS Gallery

Carlisle, Pa.

October 19-21 Texas Regional

Frisco, Texas

2024

??? Florida Regional??? TBD

May 2-4 Heartland Regional

Cedar Rapids, Iowa

May 31-June 1 New England

Regional

Marlborough, Mass.

August 4-8 NCRS National

Convention

Hampton Roads, Virginia

October 24-26 Texas Regional

Frisco, Texas

As of the March/April 2023 Driveline Issue

PTSC Chapter Members out-n-about at the Florida Regional.

Photos By: Vinnie Peters,

(L) Brian McIntrye & Bob Stokes (R)



(L-R) Brian McIntrye, Bob Stokes, Ken Jelley, Norma Pignanelli, Dennis & Kathy Webber, Tim & Karen Medice, Brian & Mary Beth Bair (Photo: Vinnie Peters)



**Upcoming area events in our PTSC area:
By: Bob Stokes – Outside Coordinator**

Sunday May 7th, SVCC Quaker Steak
& Lube Annual Corvette Show
10 Chestnut Ave. Sharon, Pa.

(Sponsored by Hubbard Chevrolet)

Sunday May 28th All -American Car
Show

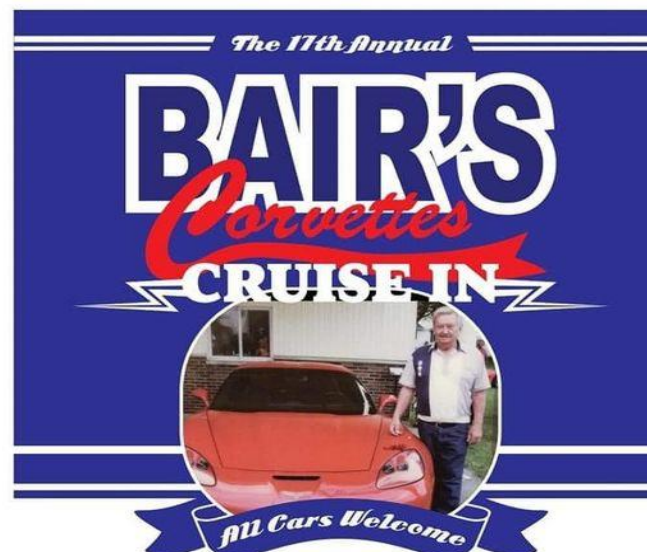
Sponsored by Sun Chevrolet & TRCC

Sunday July 2nd Hubbard Chevrolet &
Classic Car Show

(Sponsored by Hubbard Chevrolet,
Hubbard, OH)

Sunday July 30th All Chevy Show

Steel Town Corvette Club 42nd Annual
Bridgeville Vol. Fire Dept.



Saturday May 20th • 11am - 4pm

316 Franklin Street • Linesville, PA 16424

Special Tribute Cruise in honor of Yogi @ 2:30 pm

Proceeds benefit local charities

Bair's Corvettes celebrating 53 Years in Business

For more information:

www.bairscorvettes.com or email:

bairscorvettes@yahoo.com

814-683-4223



A 10-Day Motorsport Festival of Races, Car Shows & Events!

2023

PITTSBURGH
Vintage Grand Prix
July 14-23



Registration is now open for the American Car Show in Schenley Park – July 22 – 23, and can be found at:

<https://pvgp.org/schenley/>

Cost for the American Car Show: \$40 per car (price increases to \$50 on June 1)

Special Corvette Announcement

In order to showcase the 2023 70th Anniversary Corvette Z06 Sweepstakes car, the Corvette show will be relocated to this large area! Corvette had a large turnout last year, so we will be able to stretch our legs this year, and be closer to the track, Manufacturer's Row, etc. We will have volunteers on Schenley Drive directing the Corvettes to this area.

I am planning of having all of the Z06 Corvettes in attendance parked near the Sweepstakes Corvette, so please let your club members know to register their Corvettes and pass this unique opportunity to the area Z06 owners. Additional details will be passed along as we get closer to the PVGP.

Thank you for your continued support of the Pittsburgh Vintage Grand Prix, now in its 41st year. The real winners of the PVGP are to the charities - Autism-Pittsburgh and Merakey Allegheny Valley School, where, since 1983, \$6.4 million has been donated to these organizations. **Finally, tickets for the Sweepstakes Corvette can be obtained here:** <https://pvgp.org/70th-anniversary-2023-corvette-z06-sweepstakes-to-benefit-our-charities/>

Your thoughts and input are always welcome. Please feel free to contact me with any questions.

Bob Kinest, PVGP Corvette Coordinator

PTSC Classifieds:

For Sale:

Not a Corvette item BUT...I have a Maytag Hit and Miss Engine that was fully restored just before I bought it. I Paid \$375.00 for it and would sell for that amount. It has not been run since I brought it home but has been in a clean dry place. If interested email or call me at Cirilli@zoominternet.net 724-449-3323

Bob Cirilli



For Sale:

I have an indoor only car cover for C7 Stingray
Only \$50.00
Contact: Paul DiSanto 412-527-2783

For Sale:

- 4-1967 Corvette 15" Rally Wheels, Blasted, Painted with GM Reconditioning Paint Complete With 4 original Center Caps, & 4 Repro Trim Rings \$400.00
- 2- 1956 -1962 Corvette rear springs, re-arched Blasted & painted with GM Recondition Paint & new liners & stainless band clamps installed. \$250.00 for the pair.
- 63 Corvette 340hp Aluminum Intake Manifold #3794129, with 4-barrel AFB #3461S dated AL2 (Nov. 1962) for early 63 Corvettes, Plus GM Rebuild Kit. \$1,200.00
Contact: Barry Holmes 724-468-6609 home phone with answering machine.

Wanted to buy for a late October 1969 build L46

Convertible 4 speed:

1. Fuel pump #40658 with correct date code
2. Coil #1115270
3. Rally Wheel with correct date code
4. Ignition Shielding – complete system, every single piece was ripped out of this car.

Contact: Keith Michaud kmich61@gmail.com
412-443-5362

PTSC Apparel For Sale: Contact: Bob Stokes



robert.stokes@verizon.net

From the **RPM** editor,

I'd like to thank everyone who sends me Tech Articles, My Corvette Stories, newsworthy articles of interest as well as items for the RPM classifieds. A special thanks to members who pay to include their business card ads and offer their services to our membership. Please try to support these sponsors whenever you can. I couldn't put together our newsletter without the help of our membership, so keep those articles coming.

JP

Trivia question answer: From 1955-1996 this was the firing order of Chevy V8 engines. In 1997 with the introduction of the LS series engines, this changed to 1-8-7-2-6-5-4-3. (Norm Neffield).

RPM Classifieds Continued:

2015 Corvette Coupe for Sale:

VIN [1G1YC2D79F5116363](#)

Laguna blue

Targa top (includes shade)

- Sound deadening insulation
- New battery
- Non run flat Goodyear tires (good condition)
- 7 speed transmission
- 6.2-liter V8
- 22K miles
- Skip shift eliminator
- 2LT trim package

Black leather interior

- Red trim (interior and exterior)
- Black leather seats (removal vinyl seat covers)
- Blue LED lighting package
- Carpet embroidered "Stingray" floor mats and luggage carpet
- Heads up Display (HUD)
- Steering wheel cover removal leather)

Price: \$44K OBO



Dave Kitch LLC
750 Story Road
Export, Pa. 15632
Tel 724-433-4151
dmkitch@comcast.net


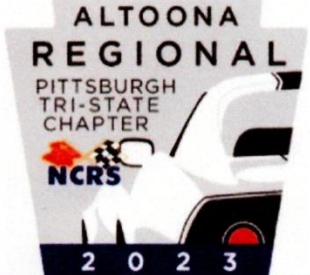
Dave's
Corvette Corner

Chevy Corvette Consultant

Buying, Selling,
Restoration and Parts

Spring has sprung! Time to get those Corvettes out of winter hibernation and start driving them!

PITTSBURGH TRI-STATE CHAPTER NCRS SPRING ROAD TOUR

	<p>SUNDAY May 7, 2023 9:00pm-3:00pm</p>	
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Location: **Blair County Convention Center**

From Delmont, PA, we will be traveling east on Route 22, then north on Route 99 to Plank road south. Turn left onto Convention Center road.


AGENDA:

- 9:00 Leave Lamplighter Restaurant on Route 22. Arrive earlier if you want to eat breakfast.
- 10:30 Arrive at BCCC, tour facilities
- 2:00 Lunch in Altoona, PA
- 3:00 Begin Road trip home

We will have an appointment and inspection of the Blair County Convention Center and will discuss last minute details for our regional.

If time allows, we may tour Horseshoe curve.

Send RSVP to Don Geary Dlgeary@comcast.net




2023 PENNSYLVANIA REGIONAL
Blair County Convention Center
Altoona, PA

SAVE THESE DATES!
June 1, 2, 3, 2023

CONVENTION CHAIRMAN
Don Geary
www.NCRSPITT.com

724-875-7749
dlgeary@comcast.net

WATCH THE NCRS DRIVELINE FOR REGISTRATION INFORMATION

Pittsburgh Tri-State Chapter Membership Application Please Print				
Name:		Spouse's Name:		
Street Address:				
City:		State:	Zip:	
Email Address:				
NCRS Membership #:		Home Phone:		
NCRS Member Since:		Cell Phone:		
Jr member #1's Name:		Jr member #2's Name:		
Corvettes (additional on back)		1.		
2.		3.		
List additional on back				
How did you hear about the Pittsburgh Tri-State Chapter?				
Would you be willing to assist in any of these events? Please check box:				
Judging	Newsletter	Events	Membership	Other
Please describe any talents or abilities that you may contribute to the success of our chapter.				
You must be an active member of the NCRS, Inc. to qualify for chapter membership and please include NCRS number on this application. Chapter dues are \$20 payable upon application and renewed each June 1.				
Make checks payable to: Pittsburgh Tri-State Chapter, NCRS Mail to: Judy Geary 117 Caldwell Dr Jeannette, PA 15644				
Signature:		Date:		
Direct any questions to Judy Geary at 724-834-5586 or email at gearyjt@comcast.net				

Jimmy Patitucci
RPM Editor
Box 92
McClellandtown, Pa.
15458

PTSC Altoona Regional June 1-3 2023

