



The Side Draft

Volume 32, Issue 7

July 2025

Chairman's Message..... Tom James

Well summer is officially here and so are the high temperatures. The weather has been tough on the car hobby these past couple of weeks. First it rained every day for over a week, then the temperatures hit the low 90's for the next week. The forecast for the 4th of July is supposed to be more in line with car cruising weather so let's keep our fingers crossed.

We had our road tour to the Shriners of Southeastern Indiana lodge for our steak dinner on June 20th and had a great turnout. We had 15 cars in the procession to Dillsboro, Indiana. It was a little hot out, but everyone brought a Corvette with air-conditioning, except for Dave Barkalow who braved the heat in his gorgeous '75 T-top. We had a good procession through Lawrenceburg, Indiana with our group staying together and arriving together at the Shriner's oasis in perfect parade order. Jamie Schworer, Treasurer, was at the oasis before we arrived due to a malfunctioning carburetor on her '68, however, she was able to video our group arriving which she posted on our Facebook page. Good job Jamie! It really looks great! You should check it out to see the precision parking of our members.

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July Meeting Information

Date: Tuesday, July 15, 2025

Time: 6:30 PM

Location: George & Linda Swartz's Garage
8225 Taffy Drive
West Chester, Ohio 45059

Phone: 513-379-1957

Come for this chicken dinner and see George's toys that he has accumulated over the years!

Please remember to bring a chair and drive your Corvette.

QCNCRS Website Information

<https://qc.ncrs.org/>

Webmaster: George Denman qc@ncrs.org

NOTICE!

Newsletter Deadlines

The deadline for getting information, into the newsletter is the 2nd of each month. If it isn't here, we will publish without you.

QCNCRS Membership Form

Chairman's message – continued

One strange happening was at the Kroger parking lot while we were staged prior to leaving for the oasis. We had approximately 10-12 Corvettes lined up for the procession when people started to stop to view the cars, ask what was going on and if we were a club, etc. We actually signed up two (2) new members and there is a good possibility of a third one. It looks like a Kroger parking lot is the best place to recruit new members; forget the cruise-ins and car shows.

With that said, this year we have lost one (1) member and have acquired 13 new members for a total of 89 members. I guess we must be doing something right. Thanks to all members who have brought their friends to join our Chapter. It really shows what kind of members we have.

On a restoration note, to all members who may need help with carburetor problems, I have been using a company in Dayton, Ohio called Chris' Carbs. They have done about 7 carburetors for me. All have come back and performed better than I could have expected. This month I found a 1967 Corvette convertible 350 hp car that has not run since 1983. I am currently going through all of the systems: fuel, brakes, cooling. I will keep you in the loop as to how the carburetor rebuild goes. So far, I have replaced the gas tank and fuel lines. The brakes are next then on to the radiator and hoses. If anyone needs Chris' number, it is 1-937-890-0970. He also sets up distributors and has an old sun machine. Not many people still do this type of work, and his prices are reasonable.

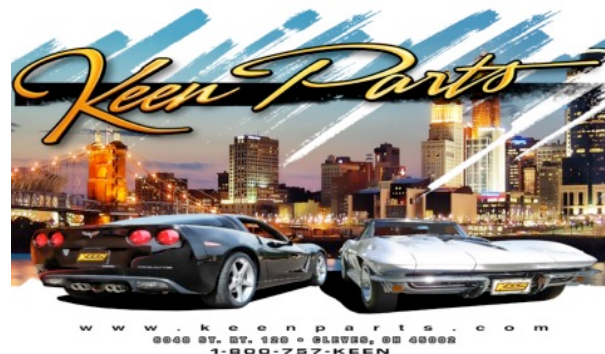
Next month's meeting will be held on July 15th at George and Linda Swartz's garage, 8225 Taffy Drive, West Chester, Ohio 45059. Linda and George always make everyone feel at home and the food is always outstanding. Linda's chocolate chip cookies are out of this world! I hope to see all of you there.

Save The Wave!

Tom

2025 QCNCRS OFFICERS

Chairman:	Tom James (513) 377-8182 7329 Southpointe Drive Cincinnati, OH 45233 toyvett1@fuse.net
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<https://www.facebook.com/groups/www.qc.ncrs.org/>

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Business Card – 2x3.5

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Half Page

\$75.00 / month or \$600.00 / year

Full Page

\$150.00 / month or \$1,200.00 / year

Sponsor

\$500.00 / year with direct website link

QCNCRS Corvette related classified “wanted and parts for sale” are free; however, they cannot be carried over to the next issue unless requested before the issue deadline.

TERRIE’S CORVETTE TRIVIA Ans. on Last Page

1. Only convertibles were produced in 1970. True or False.
2. What year was the 4-speed manual transmission first offered as an option? 1956, 1957, or 1963.
3. 1974 454’s had less than 300 h.p. True or False.
4. The last year for a multi-pieced fiberglass front end was 1972, 1982 or 1984?
5. In 1970 the LT-1 indicated solid lifter small block. True or False.
6. The 1976 Corvette weighed more than 3,600 lbs. True or False.



Fun Facts Tom James

The all-mighty Gen III Chevrolet small-block, aka the LS series, was not developed specifically for the Corvette. Actually, had it not been for the massive popularity (and profits) of SUVs and light pickup trucks, General Motors would not have invested its billions of dollars into this modern V-8. The Gen III V-8's situation mirrored those faced by the Ford Modular and Chrysler Gen III Hemi V-8 engine families. Without high-volume sales of light trucks, the meager Mustang and Charger/Challenger sales would never have justified those engine programs either. If you love the Corvette's all-aluminum V-8, hug an SUV.

Who is buying Corvettes these Days? Bill Hetzer

Reprinted from Hagerty Insurance:

By far, most of the Stingrays insured belong to boomers and Gen-Xers. Gen Z could care less, relatively speaking, though in 2025 the number of policies held by this youngest generation has increased to double digits for the first time (11, if you're wondering!). Millennials are little more interested, but not by much. Pre-boomers account for between 8% and 13% of Stingray policies. Boomers have represented over half of Stingray policies each year from 2020 to now, with Gen X falling between 28% and 33%. Chevrolet tells us that the people buying C8s new is also changing: These customers are younger, richer, and more diverse than those who bought C7s.

Source: [Hagerty Article](#)

June QCNCRS Meeting Minutes

...Kenn Bragg

June 17, 2025

Steve Henson's Garage

Tom James, Chairman, called the meeting to order at 7:10 pm. He thanked Steve Henson for sharing his Garage and many cars with us. He also said Steve would be giving a tour after the meeting.

Next Tom announced the passing of Judy Waggoner, wife of John Waggoner, the previous week. Judy had been a longtime supporter of our Chapter. Judy will be missed by all.

Tom announced that this Friday, June 20th, we will be having our annual road tour. We will be meeting the Kroger in Whitewater at 5:30 p.m. and then drive to the Shriner's lodge on US 50 in Dillsboro, Indiana to support their community grill out which benefits the Shriners Hospital for Children.

Tom stated that the Chapter picnic and annual cookout will be in September will be on Sunday, September 21st at the Horsepower Farm in Middletown, Ohio.

Tom asked George Denman about the car show at St; Susanna's which was held on June 7th. George said they had 110 cars which participated; there were 12 Pace cars, mostly from our club members. Even though the weather was not supposed to be great, \$8500 was raised for St: Joes Orphanage.

Tom stated the results were back from the from the National on Concourse Judging. Basically, there were no changes.

Jamie Schworer, Treasurer, gave a line-by-line breakdown on the financial report. A motion to accept the report was made and seconded; the vote was unanimous to accept the report.

Terrie James, Membership Chairperson, stated that we have 2 new members. Terrie discussed the annual cruise this Friday. So far, we have 15 cars participating. She stated that September 21st will be the date for the annual picnic. Emails will be sent out starting the first of August. Members are asked to bring a side dish or a dessert with the Club providing the meat and drinks.

June QCNCRS Meeting Minutes

...Kenn Bragg (continued...)

Terrie introduced Micheal Shook, a potential new member. Micheal is 17 years old and just bought his first Corvette. It's a beautiful '91 C4.

Chris Rockenfield, Vice Chairman, thanked Steve Henson for sharing his garage with us this evening. Then Chris informed us of a new Tech Seminar which be coming up in the near future. He will send out the information in the next few days.

Steven Henson, Flight Program Administrator, and Joe Eyl, Historian, discussed the compliance to remain a Top Flight Chapter. The report will be sent to the National in July.

Skip Polowy, Judging Administrator, asked for more judges for our judging event in October. Currently, we have two (2) judges and two (2) cars for the event. The membership stated they will put three (3) more cars in for the event. We need two more tabulators. Jamie Schworer agreed to fill one of these positions leaving us needing one (1) more tabulator. If you can help in this capacity, please contact Skip.

Tom James asked members to please send pictures of their Corvette(s) to George Denman so we can feature them in our Newsletter.

Tom James announced that his spaces for Corvettes at Carlisle are B008-11. If you plan to attend this event and would like a place to rest and have a cold drink, stop by and visit Tom's booth.

Tom asked if there was any more new business and if anyone had questions about the National which he would see that they were sent in.

Terrie James asked for tech articles. Our club needs to post three (3) more for the year.

Split-the pot- was drawn and Tom James closed the meeting at 8:29 pm.

QCNCRS June Meeting Photos



QCNCRS June Meeting Photos



QCNCRS June Meeting Photos



QCNCRS Recruiting at Non-NCRS event...



QCNCRS members recruiting prospective NCRS members at the St. Susanna Car show.

QCNCRS June Road Trip Photos



QCNCRS June Road Trip Photos



QCNCRS June Road Trip Photos



QCNCRS June Road Trip Photos



Judith Ann Waggoner



Judith Ann Waggoner, 80, of Franklin, passed away at her residence on Friday, June 6th, 2025.

She was born on September 21, 1944, in Indianapolis, Indiana to Ralph and Pauline (Bradley) Mosburg. She married John Keith Waggoner on December 16, 1966. He lovingly survives. She is also survived by daughters, Jennifer Lynn Clarke (John) and Amanda Diane Holguin; grandchildren, Erin Clarke, Kristen Wakefield, Shelby Wakefield, Lindsey Wakefield, Dylan Clarke and Liam Clarke; great-grandchild, Elrick Wakefield and brothers, Michael Mosburg and Jeffery Mosburg. Judy was preceded in passing by her parents and brothers, Larry Mosburg and Jerry Allen Mosburg.

Judy was a 1962 graduate of Union High School.
She was a stay-at-home mother and homemaker.

Judy was a member of Grace United Methodist Church. She was a member of the Trafalgar Garden Club and the Indiana Historical Society. Judy was a master gardener and was a passionate genealogist.

A Celebration of Judy's life will be held on Wednesday evening, June 11th at 6:00 p.m. at Grace United Methodist Church, 1300 E. Adams Drive, Franklin, Indiana 46131 with visitation for family and friends on Wednesday from 3:00 p.m. to time of service at 6:00 p.m. at the church. A graveside service will be held on Thursday, June 12th at 10:00 a.m. at Greenlawn Cemetery in Franklin. Flinn and Maguire Funeral Home in Franklin is assisting the family with arrangements.

Memorial contributions may be made to Grace United Methodist Church, 1300 E. Adams Drive, Franklin, Indiana 46131.

Expressions of caring and kindness may be received to the family at www.flinnmaguire.net

TECHNICAL ARTICLE

Early C4 Corvette Master Cylinder And Brake Booster Install

Corvettemagazine.com, August 12, 2024, by Tommy Lee Byrd

Submitted by : Terrie James

As age creeps up on the C4 generation, components naturally deteriorate, even if the car has been well maintained. This deterioration is accelerated if the car sits for long periods of time, especially if it sits outdoors. Our example is a neglected 1987 Corvette that the [Sleeperdude Youtube channel](#) is bringing back to life. This car was a gift from a loyal subscriber of the channel, but it has come with its share of issues. It sat outside for many years, leading to a long list of action items to make it road worthy. Several parts of the process involve the braking system.

This tech article will focus on the brake booster and master cylinder, a common area for corrosion, cracking and other internal issues. From 1985 to 1991, the brake booster on Corvettes was manufactured using plastic. While this was a fine material in mild weather conditions under regular use, the plastic simply doesn't stand the test of time. Zip Corvette makes [reproduction brake boosters](#), using steel instead of plastic, and it's a direct bolt-on replacement for all Corvettes built from 1984 through 1991.

The [master cylinder](#) fits a much narrower window of cars: 1986 and 1987. Early on, the C4 cars were in a constant state of refinement, so the brake master cylinder changed a few times through the years. The 1986 and 1987 version features an aluminum construction with a small plastic reservoir. Like any older car, the master cylinder is susceptible to corrosion, which keeps it from pushing the fluid properly. [Zip Corvette](#) offers a new Master Cylinder, which is an easy solution to refurbishing an aged C4 Corvette braking system.

Follow along as Sleeperdude installs the new brake booster and master cylinder. Simple hand tools are all that's needed to complete the install, and most enthusiasts can complete this install in the comfort of their home garage as a weekend project.



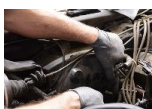
More than 20 years of neglect has left the booster and master cylinder in this 1987 Corvette in dire need of replacement, but these items can be common areas for problems, even in well-kept car



The first step is loosening the brake line fittings on the master cylinder. It's always important to use a line wrench (12mm and 14mm) on the nuts to prevent damage.



Next, the master cylinder is removed from the brake booster. It's held in place with two 13mm nuts that can either be removed with a wrench or short socket and ratchet.



The brake booster is held in place with two 13mm nuts that can be found beneath the dash. You may need a combination of extensions and u-joints to reach it with your 13mm socket and ratchet. The retaining pin is also removed from the brake pedal.



The new steel brake booster from Zip Products eliminates vacuum issues that plague 1985-1991 Corvettes. This is a direct replacement for the original plastic booster.



The booster comes out of the box with new studs and nuts, as well as the proper pushrod. Retain your original pin and clip and reuse on the new install.



Another piece of this brake repair job is a new master cylinder. This is a two-year design, used only in 1986 and 1987, and the Zip Corvette product is direct bolt-in replacement of the original.



The master cylinder features the original .875-inch bore size, meaning that your C4 Corvette will retain its original pedal effort and performance.



Josh removes the nuts off the backside of the booster and slides it into place. The two studs pass through the firewall and brake pedal support bracket. Then, he tightens the 13mm nuts



Under the dash, Josh connects the original retaining pin and clip to attach the brake pedal to the pushrod.



Now it's time to mock up the master cylinder, just to be sure it fits properly, and that the lines are the proper size and in the proper location. It will now be removed so Josh can bench bleed it before final install.



With the master cylinder clamped in a bench vise, Josh fills the reservoir with fluid, and attaches a bench bleeding kit from the local parts store.



Using a long screwdriver, Josh slowly depresses the piston to push fluid through the clear tubes and back into the reservoir. Once there are no bubbles in the tubes, it is ready to install.



The master cylinder easily slides over the new studs on the brake booster.



It's a good idea to get the brake line fitting nuts started before you completely tighten the master cylinder.



The 13mm nuts can now be tightened to attach the master cylinder to the brake booster.



Zip Corvette offers Pro Line DOT 3 brake fluid with its Brake Overhaul kits. We had enough left over from a previous install to top off the reservoir and begin the bleeding process.



Bleeding the braking system starts by pumping the pedal until you feel tension. Then, have a friend or family member hold tension on the pedal and loosen the 10mm bleeder screw to allow any air or dirty fluid to pass through the lines and caliper. Repeat the bleeding until clear fluid comes out.



Repeat the bleeding process a few times on each corner, starting at the passenger rear. Then, bleed the driver rear caliper, followed by the passenger front (shown) and driver front, being sure to keep the fluid topped off regularly. After bleeding is complete, fill the reservoir one last time and take a test drive.

Upcoming Events

QUEEN CITY NCRS CHAPTER EVENTS:

- *July 15, 2025 – Chapter meeting – George & Linda Swart's Garage*
- *October 11, 2025 – Chapter Judging Event – Kelsey Chevrolet, Greendale, Indiana*

NCRS NATIONAL EVENTS:

- *July 16-19, 2025 – Missouri "Show-Me" Regional, Springfield, MO*
- *September 7-11, 2025 - NCRS National, South Pointe Casino, Las Vegas, NV*
- *October 23-25, 2025 – Texas Regional, Frisco, TX*

CAR SHOWS AND SWAP MEETS:

July 4, 2025

- 38th Annual 4th of July Car Show, Memorial Park, N. Main Street, Rushville, Indiana. Reg. 8:00 AM
- Blanchester Municipal Building Show, 318 E. Main Street, Blanchester, Ohio, 9-3:00 PM.
- Americana Festival Auto Show, N. Main Street, Centerville, Ohio. Parade 10:00 AM.
- Brown County Veteran Services Car Show, Brown County Fairgrounds, 325 W. State Street, Georgetown, Ohio, 12:00-3:00 PM.

July 11-13, 2025

- Goodguys 27th Summit Racing Nationals, Ohio Expo Center, Columbus, Ohio.

July 12, 2025

- 2nd Annual Cincy Cool Cars Club Car Show, 301 Wessel Drive, Fairfield, Ohio, Reg. 8:30-11:30 AM.
- WEC'S Annual Car Show, World Equestrian Center, 4095 State Route 730, Wilmington, Ohio, 10:00-3:00 PM.

July 13, 2025

- Car Show, Muscle Car Drags, Swap Meet, Edgewater Sports Park, 4819 East Miami River Road, Cleves, Ohio, Reg. 9-12:00 P.M.
- Caesar Creek Flea Market Car Show, Caesar Creek, 7763 Old 73, Reg. 10-3:00 PM.

July 19, 2025

- Twelfth Annual Route 42 Car show, Lifehouse Church, 2234 Utica Road, Lebanon, Ohio, 10:00-3:00 PM.

July 26, 2025

- 71st Antique & Classic Car Parade, Parade Forms at Downtown Hamilton, 101 High Street, Hamilton, Ohio, Reg. 8:30-11:30 AM
- Thunderfest, 1105 Central Avenue, Middletown, Ohio, 11:00-4:00 PM
- Old Junkyard Junkies Swap Meet, 1598 US 22, Washington, Court House, Ohio, 9:00-3:00 PM.

July 27, 2025

- Sabina Park Car Show, Corner of Eden & Rose Avenues Next To Water Tower, Sabina, Ohio, 10:00-3:00 PM.
- Rollin' On The River 35th Annual Car Show, Fernbank Park, Rt. 50 West River Road, Saylor Park, Ohio, 9:00-4:00 PM.

August 22-23, 2025

- Corvettes at Carlisle, Carlisle, PA

November 20-23, 2015

- MCACN – Rosemont, IL

More Ohio local events: <https://www.olderide.com/events/state/ohio>

QCNCRS Club Shirt Ordering



Pricing and shirt options are changing.

For information on Club Shirt pricing, colors and sizing as well as to place an order please contact Terrie James at tmjames7329@gmail.com or 513- 300-6411



QUEEN CITY CHAPTER 2025 CHAPTER REGISTRATION FORM

Annual Chapter Dues \$20.00

First Name: _____

Last Name: _____

Spouse's Name: _____

Street Address: _____

City, State, Zip: _____

Home Phone: _____

Cell Phone: _____

Email Address: _____

You must be an active member of NCRS to join a chapter.

National NCRS Number: _____

Options for membership renewal:

1. Renew Queen City Chapter Membership online at:
<https://www.ncrs.org/forums/register/chapter-membership.php>
2. Complete the above form and send payment of \$20.00 (payable to QCNCRS) to: Terrie James, 7329 Southpointe Drive, Cincinnati, Ohio 45233.

Questions, please call Terrie James at 513-300-6411 or email at tmjames7329@gmail.com.

Trivia Answers: 1. False. 2. 1957. 3. True. 4. 1982. 5. True. 6. True.