



# CCRuisin'

The Official Newsletter of the Corvette Club of Richmond



## January 2018

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Pictures from some of our recent activities!!!



## *A Message from the President*



Dear fellow CCR Members,

With Christmas 2017 behind us, and likely, the New Year Celebration as well, here's hoping each of you had a wonderful Holiday Season and you are looking forward to a joyous New Year.

In December, we enjoyed another delightful CCR Christmas Dinner Dance at the Meadowbrook Country Club. The venue was beautiful, the service was impeccable, the food was scrumptious, the band was terrific, and the company was superb! This was another marvelous CCR event with Fellowship, Fun and Food.



Many thanks to Paul and Gayle Murman for reserving this wonderful venue for us at their Club and assisting in the planning...again! And many thanks to First Lady Doris for all her work to make this another fabulous CCR Event. If you were not able to attend, I encourage you to join us at this marvelous event in 2018.

I would like to recognize the outgoing Events Coordinator, Kirby Montgomery for his diligence and devotion to CCR. Kirby served as Treasurer, Vice President and President prior to taking on the job of Events Coordinator, so he is a true veteran CCR Supporter! Great job Kirby! Thank you for your dedicated service to CCR!

Stacy Harper will retire from the post of CCR Apparel Manager. Stacy has done an excellent job of reducing inventory and helping move us into modern marketing. While we continue to promote our Apparel in CCRusin' and at Member Meetings, we are offering our products on our outstanding CCR website. Great job Stacy! Thank you for your dedicated service to CCR!

## ***A Message from the President (Cont)***

Looking forward, I would like to thank the incoming CCR Board and Supporting Appointees for agreeing to continue in service to the CCR.

Bubba Carr: Vice President  
Sue Ann Bickert: Recording Secretary  
Donna Carr: Corresponding Secretary  
Paul Murman: Treasurer  
Dave Dolan: Historian  
Graham Wilson: Sergeant- at- Arms  
James Wilson: Newsletter Editor  
Mike Starr: Webmaster  
Bubba Carr: Ambassador to Heritage Chevrolet  
Barry Roper: Ambassador to the NCM  
Ray Wells: Ambassador to Zip Products

Everyone on this list is a veteran CCR Contributor, and I am proud to be part of this esteemed group of dedicated devotees! Thank you for stepping up to do the work needed to keep us the Greatest Corvette Club...in the World.

Joining the team this year is Veteran CCR Worker, Bill Knapp, who will take over as Events Coordinator. Please help me in welcoming Bill to this new position.

I look forward to continuing our traditions of Fellowship, Fun and Food at many outstanding Events. Gayle and her Crew of CCR Ladies are already planning a Valentine's Brunch on February 11, and we will make another terrific Bunny Run on March 24. Plus, we will make another trip across the Potomac to Captain Billy's on April 24, and we are already planning our Annual All Corvette Roundup in June.

I have heard some terrific new Event ideas as well. Please let us know what you would like to do, then allow us to help you move your idea forward and make it a wonderful new CCR Event. We have many veteran OD's who will happily provide help and guidance.

Events are the lifeblood of CCR, so please join in. The best way to get to know other members and make new friends is to participate. I hope to see all the regulars AND many new faces at all the upcoming CCR activities.

Best wishes for the New Year and remember to Save The Wave!

Life is a highway, and I wanna drive it in my Corvette with my best friend Doris as copilot.

Your CCR friend,

*Bob Brody*

2018 Events Calendar:

- Fri, Jan 12      **Membership Meeting (Southside) - 7:30pm**  
**After Meeting Social: TBD**
- Fri, Feb 10     **Membership Meeting (Southside) - 7:30pm**  
**After Meeting Social: TBD**
- Sun, Feb 11     Valentine's Day Brunch
- Fri, Mar 9       **Membership Meeting (West End) - 7:30pm**  
**After Meeting Social: TBD**
- Sat, Mar 24     Bunny Run
- Fri, Apr 13      **Membership Meeting (West End) - 7:30pm**  
**After Meeting Social: TBD**
- Sat, Apr 21     Cruise to Capt. Billy's
- Fri, May 11      **Membership Meeting (Southside) - 7:30pm**  
**After Meeting Social: TBD**

**\*For event details, please see the website, [www.corvetteclubofrichmond.com](http://www.corvetteclubofrichmond.com)**

**Officers for 2018**

PRESIDENT

Bob Brody (804) 405-1568

CORRESPONDING SECRETARY

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NEWSLETTER EDITOR

James Wilson (804) 382-1414

EVENTS COORDINATOR

Bill Knapp (804) 338-7314

# January Meeting

## Friday, January 12th at our South Side Location

Our next General Membership Meeting will take place at Grace Lutheran Church, 13028 Harrowgate Rd, Chester, Virginia 23831. There is plenty of parking available. So come early to visit in the parking lot with other members!

## Meeting Directions (South Side)

From VA-288, take the VA-145/Chester Rd exit toward Chester.

- Turn right onto VA-145 W/Chester Rd (signs for VA-145 W).
- Turn right onto W Hundred Rd.
- Turn left onto Harrowgate Rd.
- Destination will be on the right.

## After Meeting Party, to be determined



## REVS & RUMBLES @ THE NCM



By Barry Roper, NCM Ambassador/Lifetime Member

*Happy New Year 2018 . . . and welcome to a preview of the first six months of the National Corvette Museum's program offerings. As usual, the NCM's calendar mixes some recurring events with several new opportunities. So take out your calendar (or retrieve your phone) and let's make some notes.*

*The January sojourn will be little more than a couple of weeks away by the time you read this and each year we suggest remembering to sign up for this trip well before Christmas. The NCM Museum in Motion (MiM) is attending the **Daytona Rolex 24** sponsored by Michelin during Jan 24th-29th. It's the first race of the WeatherTech season & this excursion is already **SOLD OUT!***

*April 3rd-7th, the MiM will host a **Plantation Tour in New Orleans**. Four nights' lodging at the host hotel Hampton Inn & Suites Elmwood will be included with registration. For day by day details of this trip and most of the others outlined, visit the NCM online at [corvettemuseum.org](http://corvettemuseum.org).*

*The annual **Michelin Bash** held at the NCM in Bowling Green, KY, will be next up on Apr 26th-28th. This is an annual favorite during which the newest Corvettes are available for inspection close-up and personal. There are also opportunities for parade laps at the Motorsports Park and many seminars.*

*Spring in the Smokies blends April into May for the MiM's journey from Bowling Green to the Biltmore Inn on the **Biltmore Estate Grounds** outside Ashville, coupled with a **Tail of the Dragon (TN 129)** run in NC during Apr 29th-May 2nd.*

*May's second event, the **C4 Gathering**, is a recurring favorite of owners and fans of 4th generation Corvettes (1984 through 1996), the ZR-1 Net Registry, and the Grand Sport Registry. Specific agenda and costs are TBA.*

## REVS & RUMBLES @ THE NCM (CONT)

A new MiM excursion, **Springtime in the Dells**, will convene at the Chula Vista Resort in Wisconsin Dells, WI, for daily road trips and area tours. This event will be May 20th-24th.

Moving into June, the first MiM outing scheduled during May is the **Branson Experience** in Branson, Missouri. It will run June 6th-10th and the host hotel will be the Grand Victorian. However no other details will be provided at this time since the visit is already SOLD OUT.

The NCM's 3rd Annual MiM **Le Mans @ Le Circuit de la Sarthe** will extend from June 8th-19th and is the *piece de resistance* of the Museum In Motion's offerings. Three days are spent in Paris, with tours of the Eiffel Tower, the Louvre, and the Palace of Versailles, plus dinner and a show at the Moulin Rouge, a cruise on the Seine, and side trips to Normandy, Omaha beach, and the cemeteries. The remaining days will be spent in Angers and at LeMans watching the Corvette team race. Again, full details are online with the NCM.

The final June happening will be **Explore Buffalo on Lake Erie** in upstate NY. This MiM event will include a cruise on Lake Erie with dinner, tours of the Buffalo/Niagara Falls area and the Naval and Military Park plus GM's powertrain Corvette Engine Assembly tour. The dates are Jun 21st-24th.

Concluding this recitation of the amazing trips the NCM is offering for the first half of 2018 (yeah, remember this is only the *first* six months), I would be remiss not to remind CCR members of the not-to-be-missed dual mega-trip that is now only 19 months away. While the real excitement may not build for most potential attendees until we are into 2019, months of pre-planning are essential to avoid disappointment. THOUSANDS (literally!) of Corvettes and their staffs will be heading to the 25th Anniversary Celebration of the National Corvette Museum in Bowling Green, KY, to be held Aug 28-31, 2019. Many of those folks will be arriving as a member of a National Corvette Caravan. Will You?





# WELCOME NEW CCR MEMBERS !!



Bill & Lisa Butler



Al Hendrick

## Want to Become a CCR Member ?

*In 1960, a small group of Corvette enthusiasts began to gather on a regular basis for fun and fellowship. The first official Club meeting took place in July of 1961. CCR is the oldest Corvette club in Virginia with membership approaching 400. To be eligible for regular membership, you must be a person of good character and own a Corvette. You must attend at least one meeting or event. If you don't own a Corvette, an "associate membership" is available. Associates can participate in all events and functions but have no voting rights. You'll make good friends, have fun and learn more about Corvettes. Club meetings are at 7:30 p.m. on the second Friday of each month. After the meetings, there is usually a party where you can enjoy socializing with other club members.*

*Annual dues are \$25 for pilots or \$35 for both the pilot and co-pilot (includes spouse, or significant other/child). A membership application can be found on the CCR website:*

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





# JANUARY BIRTHDAYS

**HAPPY BIRTHDAY** to those members celebrating birthdays this month. May there be a shiny, new surprise in your driveway!

|                  |      |                  |      |
|------------------|------|------------------|------|
| Katrina Butler   | 1/2  | Dot Corbin       | 1/2  |
| Jim Chesser      | 1/3  | Stacy Harper     | 1/3  |
| Dianne Deis      | 1/4  | Sue Ann Bickert  | 1/5  |
| Jack Marshall    | 1/7  | Mike Douberly    | 1/8  |
| Kathy Phelps     | 1/8  | Al Hendrick      | 1/9  |
| Kim Allen        | 1/11 | Jim Cheek        | 1/11 |
| Lynn Merucci     | 1/16 | Felicia Jennings | 1/20 |
| Pam Guerin       | 1/22 | Louis Merucci    | 1/22 |
| Annie Alexander  | 1/23 | Charles Guerin   | 1/23 |
| Cindy Ann Beeson | 1/24 | David Glazier    | 1/26 |
| Margaret Wilson  | 1/28 | Donna Carr       | 1/30 |

# **NOVEMBER MEETING'S BIG WINNERS**

## *CONGRATULATIONS!!!!*

**Dinner Ticket—Terry Knapp**



**50/50 Winner—Gary Hrobuchak**

**Handshake—Gary Hrobuchak**



# Upcoming Event

## Valentine's Day Brunch

*CDs – Gayle Murman, Peggy Maloy, Janie Hughes and Val Miser*

*Sunday, February 11, 2018 at 12:00 pm*

*Meadowbrook Country Club  
3700 Cogbill Road  
Richmond, Virginia*



*Cost is \$30 per person; \$60 per couple*

*Valentine's Day is coming soon! Plan to spend this special day with the one you love and the ones who love Corvettes as much as you. The meal will include an omelet station, Belgian waffles, carved ham, bacon, sausage, potatoes, various salads, fruit, muffins, pastries, and an entire table of desserts, juices, coffee, tea, plus bottomless champagne.*

*Attire: Sunday dress, please*

*Please contact Gayle at 748-7695 for more information.*

*Please make your checks payable to Gayle Murman. Please mail your check to: 3501 Wood Dale Rd., Chester, VA 23831. Payment is due no later than February 9, 2018.*

# Upcoming Event

## **BUNNY RUN**

March 24, 2018

OD: Cecile and Ed Custer

On Saturday, March 24, 2018, CCR members will make their 23rd annual delivery of plush bunnies to the patients of Children's Hospital of Richmond on Brook Road.

It's time to start thinking about pulling last year's sale bunnies out of the attic and looking for donations to buy new ones so we can make this our biggest and best delivery ever.

More details to come in next month's newsletter and on Bunny Vette's Facebook page.



# Event Re-Cap

## Mechanicsville Christmas Parade

Kirby Montgomery



A Great Day for the Mechanicsville Christmas Parade and CCR!

We had a gorgeous first Sunday of December for the Mechanicsville Christmas Parade! As we have for many years, CCR provided 8 Corvettes this year to escort eight Ladies of Royalty, among them Miss Greater Richmond and Miss Greater Richmond Princess, Miss State Fair of Virginia and Miss State Fair of Virginia Princess, Miss Piedmont Region and Miss Piedmont Region Princess, and Miss Cardinal.

The Mechanicsville Christmas Parade is a wonderful small town event that wraps its way through the heart of Old Mechanicsville and adjacent neighborhoods. Many, many spectators line the streets with their own celebrations, and all the while cheering out "Merry Christmas" to parade participants as we pass by! A great way to get into the Christmas Spirit and to also remember the reason for the season!

Many thanks to the CCR members who provided their Corvettes for this fun event; Peter and Karen Minneci, Greg Lucyk, Bubba Carr, Ken King, Lori Dolan, Barrie Deis and Bob Brody! Great job everyone!



# Event Re-Cap



*Supported*



## Cruise to Support our Sister Club

OD – Bob Brody

On Saturday, October 28th, 2017, CCR assembled in Disputana for our excursion east in support of our Sister Club at the

## *25th Annual Beachcombers Corvette Club Car Show*



It was a beautiful fall morning for our cruise out US 460 thru the Southside VA farmlands to our destination in Virginia Beach.

The Beachcombers did a really nice job of welcoming us by providing souvenir photos of each of us in our radiant Corvettes.



Thanks to everyone who turned out to support Beachcombers.



# Event Re-Cap

## Virginia Beach Recap by Lori Dolan



On Friday, Dec. 8 we hoped the Weather Channel was wrong and the winter storm predicted would miss us. By 2 pm the snow started and continued the rest of the day. Uh oh...would our event still take place the next day?? Luckily, the temperature stayed up and the big accumulation predicted didn't happen.



An email blast went out Friday suggesting participants leave their Vettes home and drive OTCs. This was the first time in this event's 17 year history that we only had OTCs in the caravan! And, although we had a few cancellations, it was exciting that so many CCR folks still wanted to make this event work! Earlier in the week Bill & Susan informed us that they had to leave town due to family illness, so we wouldn't be stopping at their home in Suffolk. With this info and the snowy road conditions, JR & Linda led our 9 OTC caravan by way of interstate. JR passed out directions since he wouldn't be able to keep track of our OTCs as easily as Vettes. Our pit stop was at a Hampton Roads Panera. Yum...drive and eat...we are famous for this!



Traffic was good and we pulled into the hotel just behind Paul & Gayle who drove in on their own. What timing! Also waiting for us at the hotel were members Roy & LeeAnn Binger; Beachcombers Bobbi & Bill, Mack & Connie, Will & Carin (sp?) ; and Judy & Robert Anderson from Virginia Corvette Club and BJ Sprouse CCR & Virginia Corvette Club.

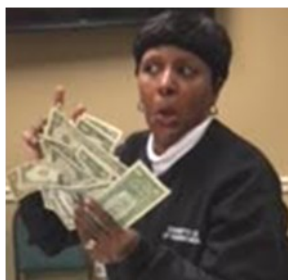


At 5:15 we headed to Rudees for another round of eating. The Beachcombers were confused when they saw no Vettes at Rudees because they didn't get the snow Richmond got. They came inside anyway and were happy to find us waiting for them. We did some mingling and then we got down to the business of eating (AGAIN).



## Event Re-Cap (Cont)

After dinner, most of us headed back to the hotel to set up the party room. We're really fortunate that the hotel gives us this room free of charge. We strung up lights and tinsel garland, rearranged some tables, Dave set up the music, and of course, we set out MORE food. I stink as a DJ so Linda jumped in with some new songs for us. Mack usually acts as Beachcomber's DJ, so I'll probably solicit his help for next year! We normally have more support from Beachcombers at this event, but it was the same night as their own Christmas party. Sure hope the Beachcombers who chose our event over their club's party don't get into trouble! This is the 7th year that Robert & Judy Anderson (Virginia Corvette Club) have come to this event. Robert wasn't feeling well, so after dinner he went back to his room and Judy came to the party. Like BJ Sprouse, they've decided to join our club and have put in their application. Yay!



We had so many people wanting to play Left-Right-Center, that we had to get two games going at once. Our winners were Gayle Murman and Margaret Wilson. We played one more game and lucky Margaret won that game too! Her winnings pretty much covered the cost of her hotel room. Way to go, girl!

Bubba Carr had his sights set on winning our musical chairs game this year.

Whoops! Guess who was the first one to lose his seat? Yep! The game was hilarious with people and chairs flying and our only real casualty--Beth's fingernails. CCR tried, but for the 4th year in a row, Beachcomber Will won the game.



We all were given a ticket and through the night Linda gave away \$20 gift certificates as well as a box of candy donated by Mack. The winter storm system made the ocean surf too rough for our Polar Bear Plunge. This is the first time in the plunge's history that it was cancelled, so at the end of the night Linda gave away the Polar Bear shirts she and JR had bought.

The party was pretty much over by midnight, but the Texas Hold'em game went on for maybe another hour. We finished cleaning up and headed to our rooms. Sometimes Dave and I sleep in and skip the complimentary breakfast, but we made it downstairs before it was over. There were a few CCR folks finishing up breakfast and we sat with JR & Linda. We discussed the event and concluded that it was successful even though it was a little smaller than in the past.

Thank you, Dave, for setting up my music and running the card game. Thank you, JR & Linda, for all you did as ODs and for agreeing to do it again next year! Thank you CCR for coming out in the snow and supporting this annual event. It's true...this **IS** the best damn Corvette Club in the world!!



# Corvette in the News

## Rare Find 1966 Corvette Race Car Complete with hi-po 427

Written by Jerry Heasley on December 27, 2017  
courtesy of the owner - Photographer;

“Some people tell me to leave it as a race car. Some people tell me to restore it. There’s no log books, and it wasn’t Tony DeLorenzo as a driver, or Roger Penske, or Mickey Thompson. It wasn’t a high-profile driver.”



Tom Sammut (pronounced Sam-it) is leaning toward restoring this 1966 coupe to its stock configuration (425-horse, 427-cubic-inch, four-speed with 4.11 gears in a Posi). We’re asking Vette readers what they think he should do. Send emails to this column and we’ll pass them along to Tom and print a tally here. The 1966 coupe is an amazing discovery, as found in its racing configuration from the 1960s.

For the full story go to:

<http://www.hotrod.com/articles/rare-find-1966-corvette-race-car-complete-hi-po-427/>

## 2019 ZR1 convertible is fastest, most powerful Corvette yet

By Mark Phelan / Detroit Free Press  
Posted Dec 22, 2017 at 2:02 PM

LOS ANGELES — Chevrolet has unveiled the fastest and most powerful convertible in the Corvette sports car’s 65-year history.

The 2019 Corvette ZR1 convertible will arrive in dealerships in the spring. It’s powered by the same supercharged 755-hp 6.2L V8 as the ZR1 coupe.

Chevrolet also announced prices for the ZR1 coupe and convertible. The coupe will cost \$119,995, while the convertible starts at \$123,995.

The coupe’s top speed will be 212 mph. It will hit 60 mph in less than three seconds, GM global product development chief Mark Reuss said.

The new ZR1 is the ultimate performance version of the current Corvette, Reuss said. It has more carbon fiber parts than any Corvette before it, including a high wing rising from the rear deck that generates so much downforce it’s mounted to



the car’s frame rather than the truck lid, because the trunk would buckle under the pressure.

For the full story go to:

<http://www.providencejournal.com/entertainmentlife/20171222/2019-zr1-convertible-is-fastest-most-powerful-corvette-yet>



## Corvette Racing names 2018 IMSA GTLM driver lineup

Defending champions keeping lineup intact for seventh consecutive season

DECEMBER 20, 2017

Corvette Racing is going with the adage, 'if it ain't broke, don't fix it,' for its 2018 driver lineup in the IMSA WeatherTech SportsCar Championship's GT Le Mans class.

On the heels of its second consecutive class championship, Corvette Racing is returning to the class with the same full-time driver lineup -- Antonio Garcia, Jan Magnussen, Oliver Gavin and Tommy Milner -- for a seventh consecutive season. It's a lineup that has produced 111 wins and 12 driver championships in their careers.

Garcia and Magnussen claimed the 2017 drivers' championship in the GTLM class.

"Consistency amongst the team and its drivers has been key to the success of our program for the last 20 years," said Mark Kent, Chevrolet director of Motorsports Competition. "Having Antonio, Jan, Oliver and Tommy returning for the 2018 season will definitely increase the likelihood of continued success for Corvette Racing."

Both of the Mobil 1/SiriusXM Chevrolet Corvette C7.Rs will officially begin the 2018 IMSA season at the annual Roar Before the 24 at Daytona International Speedway on January 5-7. It is the prelude for the season-opening Rolex 24 at Daytona.

"This will be my eighth year with Corvette Racing, and I can see how being part of a program for this long with this much consistency has made me a better driver over the years," Milner said. "It makes the start of a season easier. There is no learning process or getting a feel for the car or team. You jump right in and you're off running from the first practice session. We build off those sessions and each race. That consistency is fantastic."



Read more: <http://autoweek.com/article/imsa/corvette-racing-names-2018-imsa-gtln-driver-lineup>

# The CCR Store

# Online Store

ALL ITEMS AVAILABLE TO ORDER ON WEBSITE

|  |   |   |   |   |
|--|---|---|---|---|
|  |   |   |   |   |
| <p>JERZEES® - Dri-Power® Active 50/50 Cotton/Poly Long Sleeve T-Shirt.</p>                           | <p>Jerzees Heavyweight Tee Shirt with CCR Logo Embroidered on Left Chest</p>                          | <p>Sport-Tek Dri-Mesh Polo Men's and Ladies Shirt with CCR Logo Embroidered on Left Chest</p> | <p>Port Authority® Ladies All-Conditions Jacket with CCR Logo Embroidered on Left Chest.</p>  | <p>Port Authority® Ladies Modern Stretch Cotton 3/4-Sleeve Scoop Neck Shirt.</p>                  |
| <p><b>\$19.00</b></p>  | <p><b>\$16.50</b></p>   | <p><b>\$31.00</b></p>   | <p><b>\$68.00</b></p>   | <p><b>\$29.00</b></p>   |
|  |   |   |   |   |
| <p>Port Authority Silk Touch Men's and Ladies Polo Shirt with CCR Logo Embroidered on Left Chest</p> | <p>Port Authority® Men's and Ladies Stretch Poplin Shirt with CCR Logo Embroidered on Left Chest.</p> | <p>Port Authority® Double Visor Cap With CCR Logo Embroidered on Front.</p>                   | <p>Port Authority Poplin Club Jacket with CCR Logo Embroidered on Left Chest and Full Back. Also includes personalized with member name under logo on left chest.</p> | <p>Port Authority® Ladies Concept Stretch V-Neck Tee with CCR Logo Embroidered on Left Chest.</p> |
| <p><b>\$28.50</b></p>  | <p><b>\$46.00</b></p>   | <p><b>\$18.00</b></p>   | <p><b>\$140.00</b></p>  | <p><b>\$27.00</b></p>   |

## OTHER CLUB APPAREL

To order any item shown here, contact: **Stacy Harper** [toobluewow@comcast.net](mailto:toobluewow@comcast.net)  
 Other club clothing can be found on our [ONLINE STORE PAGE](#)

**NOTE: Shipping is not available at this time. Your order can be picked up at the next CCR meeting.**

*Clearance pricing on in stock items only, while supplies last!*



T-SHIRT (Short Sleeve)  
~~\$16~~ **NOW \$12**



CLUB LOGO WINDOW  
 STICKER (3"x3") \$3



CLUB FLAG (white, 13"x9")  
~~\$13~~ **NOW \$5**



"Corvette Club of Richmond"  
 WINDOW BANNER CLING \$15

# Tech Tips

## 1984-2004 Corvette Stainless Steel Brake Hose Installation

Posted February 12, 2013 by Zip Corvette in Corvette Technical Articles

It's possible the availability of components is partly to blame for this oversight. After all, for every 50 companies that offer horsepower upgrades, there are probably 10 that offer proven brake system performance. One of the companies that excels in packaging and selling C4 and C5 Corvette Brake Systems is Zip Products, Inc., 8067 Fast Lane, Mechanicsville, VA 23111, 1-800-692-9632.

What's appealing about Zip is that they offer more than just high-end competition brake systems. They are very conscious that not everyone wants to or needs to replace their entire brake system. They simply want to improve the factory system. Zip offers many affordable up-grades ranging from brake pads to a line pressure bias spring to the topic at hand, stainless steel brake lines.

To refer to them as brake lines is a bit of a misnomer; they're really high-tech hoses, and that's due to their construction. At the center is a flexible Teflon hose that seals in the brake fluid, just like OE brake hoses. The benefit is found in the outer shell. The Teflon hose is encased by a stainless steel braided shell. This is what gives the hose its strength and durability and is why they're referred to as lines and not hoses. This strength and durability is precisely why stainless steel lines have been preferred over rubber hoses on race cars. However, just because a part is on a race car doesn't mean it should be on a street car. Conversely, that doesn't mean it shouldn't be either.

Simply put, stainless steel brake lines are superior to the original equipment rubber brake hoses. Over time, rubber hoses dry out and crack. This leads to leaks and an eventual rupture. Granted a bad hose is usually discovered long before it bursts and under normal driving conditions it does take considerable time for a hose to reach failure. However, if the most aggressive driving you do with your Corvette is in a car show parade, your factory hoses are fine. Just have them inspected when you get your pads changed out at 60 or 80,000 miles. For those of you who are only used to changing brake pads at 5 to 10,000 miles (or less), get rid of those hoses and install a set of stainless steel lines like those sold by Zip Corvette Parts.

Whether you're aggressive on the street or auto-crossing on the weekend you'll enjoy the benefits. Most notable is a firmer and more consistent brake pedal. This comes from the strength of the stainless steel shell. With rubber, every time you stab the brake pedal the hose balloons slightly under the extreme internal hydraulic pressure. You will feel this ballooning as a soft brake pedal. Now add to that the high temperatures generated during heavy braking and the result is braking inconsistency. As the temperature goes up so does the flexibility of rubber and therefore more ballooning. Compound this with thousands of cycles and this is in part why rubber hoses eventually fail when subjected to constant aggressive braking. In addition to a firmer, more consistent brake pedal, you'll also realize a higher brake pedal. Simply put, less pedal travel is required to generate a desired brake pressure. When the rubber hose expands, the internal area of the brake system is increased. That is why extra pedal travel is required to bring the system up to a given pressure. All these benefits usually parlay themselves into more confidence in your brakes, resulting in quicker times at the auto-cross.

The following installation procedure was performed on a new C5 Corvette, however the steps shown here apply to C4 Corvettes as well. There is no significant difference to the C4 and C5's brake hoses and connections. The disassembly steps are shown at the rear, while the assembly is at the front. Now on with the corvette stainless steel brake hose installation.

To see the step-by-step procedures (with pictures) go to:

<http://www.corvettemagazine.com/tech-articles/corvette-stainless-steel-brake-hose-installation/>

# “Thank You” to our Corporate Sponsors!

*Heritage Liaison: Bubba Carr  
(804) 356-8731*



*Zip Liaison: Ray Wells  
(804) 814-0905*

## Note from the Editor

Please be mindful of the deadlines we must meet in order to keep the distribution of the newsletter running smoothly. Please make sure all articles, event recaps, and any other information is sent to the Newsletter Editor by the **25th** of each month to [jamesntiff4@gmail.com](mailto:jamesntiff4@gmail.com).