

#### Nov 7, 2016

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## Corvette Indy Meeting at Champp's, November 7, 2016



Isabel was the cutest lobster for Halloween. Don't you love her pot?

The meeting was called to order by Wylie Etscheid at 7:25. Wylie asked for additions or corrections to the meeting minutes from the October 17th meeting. A motion was made to accept the minutes as written by Gary Cole and was seconded by Marg Herder and then passed.

#### **OFFICERS REPORTS**

**President:** Wylie Etscheid welcomed everyone to the meeting. Wylie reported that our first meeting in January would be on January 2<sup>nd</sup> and he expected attendance to be low so close to the holiday. Terri Forey made a motion to cancel the first meeting in January and the motion was seconded by Butch DeWitt and passed. Jim and Shelley attended their last meeting before moving to North Carolina on November 8<sup>th</sup> and Wylie presented them with a plaque showing appreciation for all they have done to support the club while members of Corvette Indy.

**Vice President:** Greg Bowron asked if someone would be willing to have a Winter Party in February that was previously hosted by Jim and Shelley Noelle. Please contact Greg if you have interest in hosting.

**Membership Director:** Tammy DeWitt reported that Ray and Sherry Chester joined our club before the meeting bringing our membership total to 299. Tammy asked that all 2017 dues be paid at or before the next meeting on November 21<sup>st</sup>.

**Secretary**: Terri Forey reported that she counted 84 people present at the start of the meeting and reminded anyone that had not signed the waiver, to do so.

Treasurer: John Herder reported income, expenses and balances and provided a hard copy for our file.

Governor: Butch DeWitt had no report.

Competition Director: Cathy Coolidge was not in attendance and there was no report.

Sergeant of Arms: Marian Cole reported that she collected \$146 for the 50/50 drawing.

Parliamentarian: Gary Cole reported that there were no issues.

Newsletter Editor: Erika Lapham had no report.

**Merchandise Director:** Ross Gullett again showed a sample of the Corvette Indy car flags that he will be ordering. The initial order was sold and Ross would like to send another order in. If anyone is interested the cost will be around \$45 for the flag and the pole. Contact Ross if you would like to order one.

Penske Rep: Bob Young was not in attendance and had no report.

NCM Rep: Jerry Croy had no report.

**Social Director:** Greg Bowron reported that the move to McAllister's Deli for Saturday morning drive and dunk is working out well. Meet at Ale Emporium around 5:00 every Tuesday for their steak dinner special. Dick Pacetti will be leading a drive and dine Thursday November 10<sup>th</sup> and will leave from his house at 3:00 PM. Greg has sent an email out with details and if you didn't receive the email but would like to participate contact Greg or Dick. Friday November 11<sup>th</sup> is the Veteran's Day Parade. Greg Bowron will lead a caravan downtown leaving from his house if anyone would like to join him. November 19<sup>th</sup> there is a drive and dine with Hoosier Corvette Club that will be going to Crawfordsville. The caravan will be leaving from the Kohls' parking lot in Speedway and meeting up with another caravan led by Gary and Marian Cole on I74. Contact Greg with any questions. Our Christmas Party is December 10<sup>th</sup> at the American Legion in Carmel. The cost is \$10 per person and should be mailed to John and Marg Herder before November 30<sup>th</sup> or you can pay at the next club meeting on November 21<sup>st</sup>.

FACEBOOK: Jim Alvis had no report.

WEB MASTER: Bill Lapham asked for pictures from all events.

**OLD BUSINESS:** Charlie Sherman made a motion for members attending the Christmas Party to bring a new toy that will be donated to Toys for Tots. Terri Forey seconded the motion and it passed. Mike Lewis thanked Wylie and Rita Etscheid for the wonderful Halloween Party they hosted in their home.

**NEW BUSINESS:** Brent Williams thanked everyone for the cards, prayers and emails he received after his mother recently passed away. Charlie Sherman reported that Keith Riley has been in St. Vincent Hospital in Fishers for the past few days with a high fever. He should be going home Tuesday. Greg Bowron reported that about 50 members visited Andy Wolf's car collection last Friday. To show our appreciation Greg suggested we make a donation to a charity of Andy's choosing. Greg will revisit this at our next meeting. Wylie Etscheid opened the election of officers for 2017. Wylie Etscheid was nominated for President and with no new nominations Sharon Arnold made a motion to close nominations and that Wylie be elected by acclamation and the motion was seconded and the motion passed. Paul Habecker was nominated for Vice President and with no new nominations Sharon Arnold made a motion to close nominations that Paul be elected by acclamation and the motion was seconded and the motion passed. Sharon Arnold was nominated for Secretary and declined the nomination and with no other nominees that office will be filled at the next meeting. John Herder was nominated for Treasurer and with no new nominations Sharon Arnold made a motion to close nominations and that John be elected by acclamation and the motion was seconded and the motion passed. Butch DeWitt was nominated for Governor and with no new nominations Sharon Arnold made a motion to close nominations and Butch be elected by acclamation and the motion was seconded and passed. Rich Peters was nominated for Competition Director and with no new nominations Sharon Arnold made a motion to close nominations and Rich be elected by acclamation and the motion was seconded and passed. Tammy DeWitt was nominated for Membership Director and with no new nominations Sharon Arnold made a motion to close nominations and Tammy be elected by acclamation and the motion was seconded and passed. Marg Herder was nominated for Sergeant of Arms and with no new nominations Sharon Arnold made a motion to close nominations and Marg be elected by acclamation and the motion was seconded and passed. Gary Cole was nominated for Parliamentarian and with no new nominations Sharon Arnold made a motion to close nominations and Gary be elected by acclamation and the motion was seconded and passed. Erika Lapham was nominated for Newsletter Editor however our club rules state that offices can only be held for 4 consecutive years. Bill Lapham made a motion to suspend that rule for 1 year allowing Erika to serve a 5<sup>th</sup> year and it was seconded by Greg Bowron and passed. Erika was nominated for Newsletter Editor and with no new nominations Sharon Arnold made a motion to close nominations and Erika be elected by acclamation and the motion was seconded and passed. Ross Gullett was nominated for Merchandise Director and with no new nominations Sharon Arnold made a motion to close nominations and elect Ross by acclamation and the motion was seconded and passed. Other positions within the club that were appointed were: Jim Shaver-Social Director Communications, Jimmie and Donna Driscoll- Social Director Calendar, Bill Lapham-Webmaster, Greg Bowron-Facebook, Jerry Croy-National Corvette Museum Representative. The Penske Liaison will be appointed at a later date.

With no further business before the club Butch DeWitt made a motion to adjourn, seconded by Greg Bowron and the motion carried. The meeting was adjourned at 8:02.

Meeting Attendance Award Winner: Rita Etscheid.

Respectfully submitted, Terri Forey



# A Message From Our President

Monday night Corvette Indy had our own election and it was much more fun than the one today. We elected all but a Secretary. We are still looking for that special person who

comes to most of the meetings and can write a sentence.

To all the new and returning leaders of the Club I say thank you for your willingness to help us have a great 2017. I am not listing everyone here as they are already listed in the minutes. We have a good mix of returning and new people. For those stepping down we thank you for your efforts this past year. We will have some special mention for those folks in December.

Last night we did also vote to skip our Jan.2 meeting and have only the second meeting on Jan.16th.

Sign up for the Christmas party is still open till the end of the month. This has been a fun event and since moving to the Carmel Legion a good meal as well. For new members this is a great event to sit and talk with other members. Also don't forget you picture for our special gift project. We also voted last night to ask everyone to bring an unwrapped toy which we will be donating to the Toys for Tots drive.

Happy Thanksgiving and safe travels to everyone.

Wylie





"The only reason we are saying goodbye is so that we can get a chance to say hello again"

It is with very heavy hearts that we bid adieu to our hard working members and dearest friends, Jim and Shelley Noelle. We wish them a wonderful new phase to their lives as they move to North Carolina, near family. But, we know that we will see them again, even if we have to do an epic Drive n Dine and camp out in their backyard around their pool.

We will miss you Jim and Shelley!!!!

## EDITOR'S NOTE:

I have been looking at the members' photos section of the website. We are missing quite a few pictures. It is REALLY important that the member gallery be as complete as possible. As big as the club has grown the gallery is indispensable in helping everyone put names with faces and get to know each other. Please check the members' gallery and if your picture is missing, ask Bill to take your picture at the next meeting. Or, if you can't attend the meeting, send a picture to Bill at <u>corvetteindyweb@gmail.com</u> or me at <u>corvetteindynews@gmail.com</u>.

#### Important Meeting Reminders:

There is one more meeting this month There will be only one meeting in December There will be only one meeting in January Monday November 21 at Champps Monday December 5 at Champps Monday January 16 at Champps

Beginning with the January 2017 issue of the newsletter, I will put the **For Sale** section on hiatus until April. Very few sales are made over the winter months. But with the return of warmer weather, I will bring back that section. Feel free to check back issues of the newsletter and contact the owner/seller, if you have finally decided that you just have to have something from past For Sale ads. I will check with members before placing their ads again next April.

I hope you have been taking advantage of these beautiful fall days and have enjoyed a ride in your Vette. There is nothing like a country road on a sunny fall day to remind you what is so great about owning a Corvette!

Happy Driving, Erika

## Calendar of Events

Calendar of Events –2016 updated 11/10/2016				
<b>Red = Meetings &amp; Planned Club Events – Black = NCCC Events – Blue = Other Events of Interest</b>				
Saturday Mornings	Drive N Dunk, 9am at McAlister's at 96th & N. Meridian			
<b>Tuesday Evenings</b>	Ale Emporium \$6.99 Steak Special 5:00 pm 8617 Allisonville Rd, Indianapolis			
Monthly 1 <sup>st</sup> Friday	Danville Cruise-in 4:30 at the courthouse – parking limited (May – October)			
Every Tuesday	Cruise-Day Tuesdays – Downtown Monticello IN (May – October)			
Every Saturday	Cruise-in around the square in downtown Noblesville, 5pm-9pm (May – November)			
Monthly Last Sunday	Kirklin Cruise-In, Buffet available at Bookers 11am-2pm			
November 11	Indianapolis Veterans Day Parade			
November 11-13	National Governors Meeting, St Louis MO			
November 19-20	MVP TRacktime, Road Atlanta			
November 21	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
December 4	Rich Peters Concert			
December 5	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
December 10	Corvette Indy Christmas Dinner at Carmel American Legion			
2017				
January 1	2017 New Years Lap around 465 - Evan Gordon Memorial Lap			
January 16	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			

February 20	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
February 24-25	National Governors Meeting – St. Louis MO			
March 6	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
March 20	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
April 3	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
April 16	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
April 27-29	NCM Bash – Bowling Green KY (Several members attend – look for them to have a trip there)			
April 29-30	Corvette Indy's Main Event Autocross – (tentative)			
May 1	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
May 5-6	National Governors Meeting – St. Louis MO			
May 6	Vettes for Vets – Indiana Veterans Home - Lafayette IN			
May 13	IMS – Grand Prix of Indianapolis			
May 15	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
<b>May 28</b>	IMS – Indy 500			
June 3-4	14 Low Speed Indiana Region Events – Putnam Park – Greencastle, IN			
June 5	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
June 19	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
July ???	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
July 17	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
July 23	IMS – Brickyard 400 NASCAR Race			
August 7	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
August 16-18	Corvettes on Woodward – Jerry & Elaine Croy make a week of it – Check with Jerry for Schedule			
August 19	Woodward Dream Cruise – Jerry & Elaine Croy have a location that they watch if from			
August 19	Penske & Corvette Indy - Vettes for Vets all Corvette Car Show – Carmel American Legion			
August 21	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
August 21-25	NCCC National Convention – Bowling Green KY (Members Encouraged to Attend)			
September ???	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
September 8-9	National Governors Meeting – St. Louis MO			
September 18	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
October 2	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
November 10-11	National Governors Meeting – St. Louis MO			
October 16	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
November 6	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
November 20	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			
December 4	Corvette Indy Meeting at Champps; (8711 N. River Crossing). The meeting 7:30PM 6PM for dinner and conversation.			

Look for Greg's emails during the year for more information and look at the Long Calendar on the website which has expanded lists and information for Car Shows and other Events in the area.

WATCH YOUR EMAIL FOR RETIREE AND HOOKY PLAYER DRIVE AND DINE AND OTHER EVENTS TOO!!



# **READ THIS!!!!**

To Keep It Simple:

A nice memento/keepsake gift is planned for everyone attending the CI Christmas Party. HOWEVER, if you do not provide a picture of you and your car you will not receive the gift. So, either send a picture to Bill Lapham or Paul Habecker or have Bill take a picture (SOON) or you will, unfortunately miss out on the gift.



## CORVETTE INDY MERCHANDISE MART

# **Official Corvette Indy Club Logo Flags**

After months of searching and researching vendors to supply Corvette Indy with Parade and Car Show Flags, We have decided to use the Flag Caddie company to help us meet club demand. They are willing to produce Double Sided Corvette Indy Logo Flags for \$30 each (FLAG ONLY...no flag pole). They can be ordered through the Merchandise Director via our website merchandise pages or through direct email to the Merchandise Director. Flag Caddie can also supply special flag poles for each C-class Corvette for an additional \$13 (C1-C7 Vettes). Small quantity flag orders (Less than 10) would be subject to a S&H fee (aprx \$7 ea.).

For those that need Flag Poles... I have found American Flags w/white flag poles at Walmart for under \$10. So members that wish to have a flag pole that attaches to your window (they slide over the edge of the window glass), can purchase those independently on their own, and the Club flags can be easily mounted on them and secured with a clip that locks them onto the pole so they don't blow away!

It's late in the season. So those that wish to wait until next spring, I'll plan on having a bulk order go into Flag Caddie around mid-March, and that should help eliminate the S&H fees. But for those that can't wait, I will be more than happy to take your Flag orders immediately. So far the production and delivery times have been about 5-7 Days.

Our Club Merchandise Web pages will be updated shortly to reflect Flag Logo pictures, pricing information (Flags & Poles), and an Order entry form, so you can order your Flags from the comfort of your living room! And of course, you can always order directly through the Merchandiser if you wish!

Next year, we should see many Corvette Indy Flags flying high and proudly representing the Club's presence at many club meetings, car shows and parades around the Indy area and out of town!

As always, if you have any suggestions or ideas... please let me know!

## **Ross – The Merchandiser**



**PROJECT UPDATES:** If you have a project you are working on that you would like to share with club members, please send

pictures to Erika at <u>corvetteindynews@gmail.com</u>Boys and their toys. *Lacking a member project for this feature, I thought you might enjoy this article.* 

# The Top 5 Technological Advancements In Corvette History

Every Corvette owner has his or her own ideas on the best features of America's Sports Car. The answers are as varied as the styles and custom looks of each Corvette. The writers at CorvetteOnline.com took a more technical approach and outlined the Top 5 Technological Advancements made by Corvette from 1953 through the 7th Generation. Mid America Motorworks is happy to present their findings here.

#### In the Beginning

Nearly 130 years have passed since the first automobile was available. According to Wikipedia, "In 1886 the first petrol or gasoline powered auto-mobile, the Benz Patent-Motorwagen, was invented by Karl Benz. This is also considered to be the first 'production' vehicle, as Benz made several identical copies."

You don't have to be a car fanatic to realize we have come great lengths from those original, relatively-crude methods of transportation. CorvetteOnline.com takes a look at five different technologies that have helped to propel America's Sports Car into the powerhouse it is today.

#### 1. Independent Rear Suspension

The first Corvettes were built with roughly the same style of rear suspension as many muscle cars and trucks: a solid rear axle, also known as a live axle, supported by leaf springs. While this can make for a strong, reliable choice that can be built to handle extreme power and loads, it is not the first choice for a sports car.

Corvette engineers quickly became aware of its shortcomings and opted to begin producing their own version of what is commonly referred to as an IRS system, or Independent Rear Suspension. Released in 1963, IRS systems were first bolted under the gorgeous C2 split-window and would continue with the chassis for years to come.



The beauty of an IRS for sporting applications, amongst others, is that it allows the rear wheels to move independently of one another, much like the independent A-arms found in many front suspensions. Not only does this increase handling and cornering ability, it also adds an immense amount of suspension tuning unavailable with the live axle.

Along with the independent rear axles came a new way to spring the rear section of the Corvette. Since the Hotchkiss style suspension (a traditional leaf spring setup in which the leaf springs act as an arm or link to maintain the position of the live axle) had been removed, the engineers were looking for something a bit more cutting-edge. There are several other common methods for springing sports cars, and they generally all have their advantages and disadvantages.

The Corvette was designed with a suspension type known as a transverse leaf spring. You can effectively think of it as a single leaf spring, not unlike those discussed above, turned 90 degrees, and constructed in a manner stiff enough to support the car with one leaf. Since the car does not rely on this piece to act as an arm or link, it purely serves the purpose of a spring, much like a coil spring application.



The transverse leaf was constructed of an extremely strong recipe of fiberglass and other composites in order to achieve the correct combination of strength and flexibility. Some could argue that it was ahead of its time, and perhaps that was the case, as this transverse leaf is still used in every Corvette made today, more than 50 years later.

#### 2. Magnetic Ride Control

Some of you may be familiar with the Porsche 959 of the 1980s. Well, love them or hate them – and odds are it's the latter for diehard Corvette fans – it was equipped with a very special suspension technology that can also be found on the 1989 Corvette ZR-1.

Initially, Bilstein had designed an electronically adjustable suspension system for the Porsche. While the 959s were equipped with the technology, there was a limited market for Bilstein, as there were very few 959s built for sale. Supposedly, it cost Bilstein about \$230,000, nearly a half million dollars in today's market.

Bilstein was already supplying standard gas shock absorbers to Chevrolet for all C4 applications, so in an effort to profit further on their technology, a deal was created for Chevy's high-performance project, the ZR-1.

Ultimately, the same technology used on the 959 was brought to the Corvette and recalibrated to work with the C4's specifications. Drivers of every ZR-1 now had the ability to adjust the ride characteristics on the fly to match their desires. The car could be set to ride more smoothly for casual driving, very stiff for racing applications and somewhere in between for times of spirited driving.

While magnetic ride control has received some refinement over the years, the technology was revolutionary for its time and is still available on the C7 Z06 supercars of today.



#### 3. The Transaxle

At this point, the Corvette was riding on a pair of transverse mounted leaf springs with four-wheel independent suspension, and even had the ability to change ride quality and characteristics on the fly.

"So what's next?" the engineers may have been pondering in front of the proverbial drawing board. Well, those of us more familiar with what makes great sports cars great know that a proper weight distribution is rather crucial.

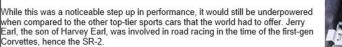
Thus, to better balance the new Corvette, the GM team decided to ditch the traditional transmission and replace it with a rear-mounted transaxle.

Simply put, a transaxle combines the components of a transmission: manual or automatic, the differential, and the remaining associated parts into one main assembly. Not only does this save space and weight overall, it moves some of that weight to the rear end of a car. Additionally, this provides space for the engine to be moved slightly reanvard, again striving towards a 50/50 weight distribution. Not only was the Corvette beginning to balance itself out, but there was also more power to be had. America's Sports Car would continue to need consistent, reliable means of getting that power to the ground. The transaxle designs would continue to prove themselves worthy all the way through the thunderous power of the 7th Generation Corvette Z06.

#### 4. Engine Platforms

The first engine that the Corvette received was the Blue Flame 150, which was a 235 cubic-inch, 3.9-liter, inline six-cylinder that produced about 155 hp. Everyone starts somewhere, and for America's Sports Car, that was it.

However, the desire for more horsepower had a 4.3-liter 265 cubic inch V8 in place of the Blue Flame rather quickly, which produced a much more impressive 195 hp for the remaining 1955 cars, followed by 210 hp and 240 hp for the 1956 and 1957 model years respectively.



Even with a high-powered 283 cubic inch V8, one of the first critiques the Corvette team had was that they would need more power to really be competitive. Thanks in part to Smokey Yunick, the race cars soon sported the Rochester mechanical fuel injection and larger displacement engines. While leaps and bounds were made during these years in engine performance, it wouldn't be the last time the Corvette stood on the front lines for engine development.





In 1990, Chevrolet brought the Corvette ZR-1 to market. For the majority of its life, Corvettes had been synonymous with pushrod V8s. This time, Corvette went another route and decided to give the overhead cam trend a try. Acknowledging any shortcomings they may have had in the new field, GM enlisted the help of UKbased Lotus Engineering for the design. The production was carried out by Mercury Marine.

The new mill was an all-aluminum 5.7-liter small-block V8, with 32-valve DOHC (Dual Over Head Cam) heads. In the beginning, the motor produced about 375 hp but was eventually increased to 405 hp for the 1993-1995 cars. The increase in power was achieved by improvements to cam timing and engine porting. A four-bolt main was also used in 1993 along with an EGR (Exhaust Gas Recirculation) system. The 32-valve monster may have been relatively short-lived for Corvette, but for those of you who were fans of Cadillac's aluminum DOHC V8 – dubbed the V8 Northstar – in part, you can thank the LT5.

#### The Birth Of The LS

The LT line of engines was certainly nothing to shake a stick at, but Corvette knew that the times were changing, and America's Sports Car needed a new powerplant to stand on. While there would ultimately be more versions than you can count on one hand, the LS1 would make it shining debut in 1997 strapped inside of the first C5 Corvette.

The motor initially produced 345 hp and 350 lb-ft of torque, and this was only the beginning. There were many great changes and designs in the LS series, which would ultimately come to a close for Corvettes with the LS9 in the ZR1 C6. This motor was based off of the LS3 due to thicker sidewall construction when compared to the LS7, and produced a whopping 638 hp and 604 lb-ft of torque.

#### An LT For A New Era

You may have noticed by this point that GM most commonly uses its flagship, the Corvette, to introduce the newest automotive technologies to the public. When the C7 Stingray was released it harbored an all-new engine family, with a designation from the past: the LT1.

While there is a list of technical data to be discussed about the new LT1, the huge "first" for GM is the use of direct injection. For those unfamiliar, direct injection takes highly pressurized gasoline and injects it directly into the combustion chamber, similar to the way a diesel engine operates. This is in contrast to conventional fuel injection, in which the fuel is injected somewhere along the intake tract or intake port. There is certainly an increase in complexity here, but there is something to be said about 460 hp.



The C7 Z06 would receive a similar engine, named the LT4 that utilized forced induction thanks to a supercharger. While the designs are relatively similar, the LT4 is constructed with a serious dose of strong equipment as it produces a face-melting 650 hp and 650 lb-ft of torque. They are quite the ride!



#### 5. Frames Go Lighter and Stiffer

While the shape, weight and construction methods of the Corvette frames would change drastically from the first generation on through the fifth generation, the overall concept remained relatively the same – a steel ladder-type frame.

There was certainly a leap in technology made when constructing the C5 frame, as a new construction process was utilized for the first time. In an effort to eliminate welding of the frame rails, sections of tubing were closed off at each end, filled with extremely high-pressure water and formed into the desired shape, the process would be known as hydroforming.

When the convertible was released the following year in 1998, the new frame was so rigid that the engineering team was able to forego the usual stiffening components generally associated with a convertible's design and increased weight when compared to a coupe. This frame technology would last for years, but when the Corvette team began designing the C6 Z06, they knew it was time for something more. While the car's exterior would look fairly similar to the standard C6, it would be built on a platform more suited for Nurburgring. The Z06 received a never-before-seen aluminum chassis that increased rigidity and decreased weight. This frame construction was only available for the Z06 and ZR1 platforms for C6 Corvettes. However, both the base model Stingray and the Z06 were constructed with an aluminum chassis in the later C7 configurations.

When the all-new 2014 C7 Stingray was first released, Chevrolet advertised that the aluminum chassis reduced weight by 99 pounds, and increased stiffness by 60-percent when compared to the C6 coupe.

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#### A Leader in Innovation

Whether via engines, frame and spring materials, or electronically controlled handling adjustments, the Corvette has been a tool of innovation, performance and speed since its inception in 1953.

While we should never stop enjoying the vehicles of our past, you can't help but wonder and imagine what the next generation of Corvettes will introduce us to. Will there be an entirely new family of engines, or a composite frame free of all metals? Only time will tell, so in the mean time, keep on enjoying 60+ years of technology and innovation from America's Sports Car.

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# Sports car slump blamed on boomers reaching their speed limits

David A. Arnott National News Desk Editor

Baby boomers aren't buying as many sports cars, and what's making that news even worse for automakers is the fact that those buyers likely won't be replaced anytime soon.

As the first boomers turn 70 years old, the aging of that set of adults is reducing the number of people in a previously-reliable demographic for sports car buyers: men born between 1946 and 1964, according to a Bloomberg report. Ford Motor Co. (NYSE: F), General Motors' (NYSE: GM) Chevrolet, and Porsche have all seen slumping sales this year, the report said.

At the same time, sport-utility vehicle sales have kicked up, a shift very much seen as related. After all, as one industry consultant said to Bloomberg, "When you get into your 60s, comfort becomes more important."

While younger people are also interested in sports cars, and they are making up a larger percentage of sports car owners than in years past, the overall sports-car-ownership market is still likely to shrink, the report said, as boomers abandon these vehicles and before younger people can afford them.

But even through any kind of downturn in sports car sales, automakers are likely to continue making and marketing the vehicles aggressively since they occupy an outsized place in the public's perception of car companies. As Renault-Nissan CEO Carlos Ghosn was quoted by CNet in September, "Premium cars and sports cars probably represent 90 percent of the media coverage, even though they represent 10 percent of the sales of the industry," he said. He added, "We're going to continue to develop sports cars because it's so important for the storytelling."

Earlier this month, Bloomberg reported that Ford had idled a Michigan factory that produces Mustangs for one week after a 32 percent sales decline in September. For the year, that report said, Mustang sales were down more than 9 percent and Chevrolet Camaro sales were down about 11 percent

## Our Sponsor - Penske:

With the end of the driving season come great deals on remaining <u>2017 Corvettes</u>. Currently, Penske has <u>15 beautiful</u>, <u>new Vettes</u> ready to still do some driving before the snow flies. The selection of <u>pre-loved Vettes</u> is excellent and ranges from <u>C5s all the way through</u> <u>C7s.</u> As always, <u>Penske</u> has a huge selection of <u>metal cars</u>, if that is what you are in the market for now. Stop by soon and check out everything that they have to offer.



## Welcome To New Members

A new feature for the 2016 Newsletter is recognition of our newest members. So, WELCOME! We are so glad that you joined us. Corvette Indy is a vibrant, friendly and extremely busy club. We encourage you to participate in as many

activities as you can. That is how you will get to know us and we will get to know you. Come to the somewhat crazy meetings on the first and third Mondays of the month at Champps. They are noisy and well attended

(we average 60-80 members even in the winter) but they are fun. Be at McAllister's every Saturday morning and Ale Emporium every Tuesday evening. Then come to as many other events as you can. The number picks up during driving season but we are busy all year. And when you feel ready, jump in and become a planner/leader of an event. Many members will be happy to help you, if you want, for your first try. That is what makes this club work, lots of members being involved in leading and participating in events.

All that all being said --- We Are Thrilled To Welcome New Members ------

# **Ray and Sherry Chester**

**<u>Recent Events</u>**: *Reminder -* Please check the website regularly (<u>www.corvetteindy.com</u>) for complete coverage of everything CI has going on. Space limitations prohibit me from covering each activity in its entirety.

## Ale Emporium - 10/18/2016

Bill was unable to attend this week, but Jerry took up the duties of taking a picture of the group to prove that 'it happened'. No report on how many had steak dinners, but it sure looks like everyone had their usual good time. Another couple that are friends of Bill had left earlier, so are not pictured. Bill does hope to see all of you next week at the usual time for an Ale Emporium steak!



# Drive n Dunk - 10/22/2016

There was a smaller than normal turnout for the weekly Drive & Dunk at McAlister's Deli. Quite a few of the regulars either stopped by briefly, or went directly to Penske Chevrolet for the employee/customer cookout. The weather was sunny and a chilly 42° to start the day. As always, Corvette Indy members and friends are welcome to participate.



## Penske Cookout III 10/22

With winter approaching in the near future the Corvette Indy Club did possibly their last cookout for this year at Penske's Showroom. As in the past the cookout is a thank you to Penske for all of the support that they give the club throughout the year. It was a cool morning but sunny as the grill was setup on the West side of the dealership for the CI crew in attendance to get things going. With Penske supplying the food and drinks our two cooks soon, with help of several assembling the burgers and dogs. had things cooking away and ready for the hungry Penske employees and customers a little after 11. When Kenny, the C7 PDI tech, stopped by for his burger he said that he was working on a Black Z06 and Black Grand Sport that had just come in. A few of the members headed over to see the latest arrivals. While there they met a couple that was going to pick up their new Watkins Grey Grand Sport that afternoon, so they were invited to join the club as they were not already members. As always the assembled group checked out the new and used Corvettes on the lot and gave potential customers (listening Ross?) lots of advice on what should be purchased. The group got done and packed up around 1:30 as there was an ample amount of burgers and dogs cooked for any late arriving customers. Our way of thanking again our great sponsor Penske Chevrolet who makes much of what the club does able to happen due to their generous support.



# Great Pumpkin Weekend 10/22 & 23

With great weather for the annual late October event this year's Great Pumpkin weekend was enjoyed by everyone who attended including one of our FCOA members. For the five autocross events held on Saturday at Grissom Butch DeWitt and Cathy Coolidge both drove while Tammy DeWitt worked staging and Keith Riley posted times. The afternoon was a little long with the the runs being done around 4. The evening rallies had a chili and hot dog dinner before the start with Bill & Erika Lapham plus Tad DeWitt and his daughter Araya making their way for the meal and the two rallies that followed. Araya also enjoyed all of the exhibits in the Grissom Museum. The poker rallies went well with only one competitor getting slightly lost. The results were close with Bill & Erika getting a third in one with pair of aces - jack high to another pair of aces - queen high and a two pair hand. This was one of their better draws throughout the year, but assuredly not enough to knock the DeWitt's out of their first place position in Indiana region rallies. On Sunday Butch & Kathy competed again while Tammy again handled staging while Bill worked a corner for the seven events run. Also competing over the weekend were new Corvette Indy members Tanner, Duane, & Ed Everhart who still run under their Lafayette NCCC numbers but will hopefully convert to CI for next year.

The day ran extremely long with a number of reruns due to timing issues. The weather was beautiful though with bright sun and warm temperatures which helped everyone enjoy the last events of the season.



#### Colts Autograph Session at Penske 10/24

On Saturday 10/22 Greg sent out the following message:

The Indianapolis Colts will have TY Hilton, Frank Gore and Robert Mathis signing autographs in the Penske Chevrolet showroom this Monday evening between 7-8 pm and Brett asked me to invite Corvette Indy. Each person can bring one item to have signed..

Even with the late announcement of the autograph session at Penske Corvette Indy was able to get a number of club members in line for a signed item. As can be seen in the pictures from Butch everyone was having a great time too!

Again thanks to Penske for always remembering to invite the Corvette Indy members to their events.





## Ale Emporium - 10/25/2016

Bill was back and sent in the following report and pictures: We had a group of 14 who enjoyed steak night. Conversation was about of course the World Series and adjusting to the cold weather coming in. Good friends good time and of course the best price in town. Until next Tuesday see you then.



## Drive n Dunk - 10/29/2016

The last Saturday of October had a good turnout of Corvettes as the day was in the 60's and dry. The new location is working well with everyone settling in to McAlister's and enjoying their good service of refills and being interested in the customers. With the request for pictures of couples with their Corvettes for the Christmas party several took advantage of the fall color back ground to get new ones taken. The group broke up a bit earlier than usual as most were headed home to put the finishing touches on their costumes for Rita's Spooktackular party this evening.



# Rita's Spooktacular 10/29

Rita's Spooktacular, her fourth, has become an anticipated fall event for Corvette Indy members. Most reverted to their 'hidden' youth as over 40 arrived in very involved costumes with several stymieing the rest with who they were. Pam's 'IT' was the most creative as she arrived alone and stood by the garage fitting in with Rita's decorations while others strolled by. As always the aforementioned decorations where everywhere with spiders being this year's theme. Even Wylie & Rita's C7 sporting it's new plate STRM TRP was covered with spider webs. This year, with the weather being almost balmy, a number of the members enjoyed the patio along with the living room and basement areas through out the evening which easily held the assembled group. Food was plentiful including chicken from Mary the lady that cooks for the legion along with Wylie's specially cooked ribs along with baked beans and other sides brought in. Of course there was also the table full of sweet items, fully appreciated by everyone. During the evening both the World Series and Notre Dame along with other football games were on the TVs. A number of the members in the basement also enjoyed libations including moon shine, wine, and beer plus a full range of other drinks available through out the house. The evening was a lot of fun and

everyone is already planning their costumes for Rita's Spooktacular V next year. Be sure to make your plans to attend this fun club event.



# Ale Emporium - 11/01/2016

Had a great group tonight 17 people. All had steak and we had wonderful conversations and fellowship. As always good times with wonderful friends good food and best price in town.



# A Museum & BWW 11/04

On another GREAT November day Greg & Donna hosted a Hookey Player DnD to an Indianapolis area private automotive museum and then took the group over to Buffalo Wild Wings near Glendale Mall for a great lunch. A large group arrived at their house ready to leave at the appointed time of 11 with nearly 20 Corvettes and 1 metal SUV in the group. This even included a Hoosier Corvette Club couple who has also invited Corvette Indy to join a Hoosier drive going to Crawfordsville on November 19. Greg's route included cruising by some of the beautiful homes in the Williams Creek area of Indianapolis and then in to a more industrial area. The museum was great with a number of Corvettes and Camaros plus old Packards and other cars on display. The owner does not allow pictures of the cars or other items, as he is a very low key person and not interested in being open to the public. He did have some stories about the cars and said that they are all driven on a regular basis, or he would not keep it. After an hour or so of checking things out the group saddled up and headed over to the BWW for lunch in the only location near by that could handle the large group. The food was good and soon everyone was heading home to beat the late afternoon Indianapolis traffic. At different times during the day several couples in the group took the opportunity to have they and their Corvette's pictures taken together for the upcoming Christmas party surprise.



## Drive n Dunk - 11/05/2016

It was another beautiful and cool Saturday morning. That resulted in about sixteen Corvettes and their happy occupants. This morning's conversations included the upcoming election of club officers Monday evening for 2017, and the annual Veterans Day parade in downtown Indy on Friday the eleventh. As always, Corvette Indy members and guests are encouraged to participate.



# **Upcoming Events:**

# <u> Corvette Indy Christmas Party – Dec. 10</u>



The Corvette Indy Christmas Party is December 10. The planning is well underway and we will try to make it as good as last year. Once again the cost is \$10/person for members. Also once again John and Marg Herder are our registration team. You can bring the money to a meeting or mail it to them at; 8150 TAUNTON ROAD,INDIANAPOLIS,IN,46260.

We will take reservations until the end of November. We also have recommended that the proceeds go to a worthy Charity. We are taking suggestions and the committee will make a recommendation to the Club in November. Send any recommendations to Wylie Etscheid, <u>wetscheid@sbcglobal.net</u>. Include some information supporting your suggestion.

Finally we are planning to have a nice gift for every couple or single attendee. But we need a picture of you with your Corvette.

Send the pictures to Paul Habecker, <u>paul@print-tek.us</u> or Bill Lapham, <u>454vette@live.com</u>. No picture no special gift !

The Party Committee



# We Are Family

"We joined for our love of the cars, but we stayed for our love of the people."

# In Our Thoughts

Our Deepest Sympathy to Brent and Betty Williams on the recent passing of Brent's Mom.

Also, keep Brent in your thoughts as he struggles with a shoulder injury.

And we look forward to Frank Coolidge's speedy recovery and rehabilitation from hip surgery. We miss seeing him at meetings!

Member Keith Riley has been hospitalized for several days with a high fever. We will all hope for his speedy recovery.

# On A Positive Note

The weather has been fantastic this fall; CI has had another very busy and successful year; we have made many new friends and the club currently has almost 300 members. Corvette Indy is a great club that we all enjoy being a part of.

<u>PLEASE</u> let me know if I have *missed someone* who should be included in this section. I can only know about those we should be concerned about or celebrating if someone lets me know. Please email me at <u>corvetteindynews@gmail.com</u>

# <u>Thank you note from Rita</u>

Below is the thank you note that the club has received from Rita for the flowers that we sent at the passing of her mother.

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# New Babies

While there are no new babies of the car variety to share (at least that I am aware of); the Kellams have two new babies of the lift variety that will facilitate the winter storage of CI members' cars. And, as I understand it, Pam's C3 and Jack Houtman's C6 are already enjoying the view from the top of the lifts until spring arrives.



# **Great Pumpkin Autocross Week-end**

The week-end of October 22 and 23, a number of CI members competed at Grissom Aerodrome in the last Autocross of the season for the Indiana Region. Additional members participated as corner workers, starters and assisting with posting results. The Kokomo Tribune ran an article on the event in their October 23 edition. Thanks to Diana Albright for bringing it to our attention.

Follow this link to read the article:

http://www.kokomotribune.com/news/great-pumpkin-weekend-regional-corvette-club-atgrissom-aeroplex-for/article 3008a2c6-98b5-11e6-9874-bb90af248bd7.html

# Meet the Member – Bryan and Breanne Tisch

Bryan and Breanne Tisch have been married 11 years and have three children aged 3, 5, and 7. Bryan grew up in LaPorte Indiana and has lived in the Indy area since 2000. Bryan works as a trial lawyer with his practice concentrated in the area of personal injury. Breanne is a 4<sup>th</sup> grade teacher in Zionsville. Bryan says that his favorite interests and activities involve his kids' activities, including his daughter's soccer and his son's competitive golf. And, in his limited spare time he also enjoys playing golf. Bryan just joined CI this year and has never been a member of any other Corvette Club. As a kid, Bryan admired Corvettes and F-body Firebirds and Camaros. He first became interested in Corvettes through his good friend, Doug Konieczny who had a C4, a C5 and now a C6. Bryan drove Doug's 1997 and his 2006 yellow Z06 and was hooked! He then saved for several years and kept his eye open for his own Vette and purchased one last summer. He owns a 2009 Z06 3LZ and it is his first. The things Bryan likes best about CI are that the club is very organized, has friendly people and he likes all of the activities that the club offers. Being a new member, he doesn't have any favorite activities --- and he didn't share any specific Corvette stories.

#### **CORVETTE COOKIE CUTTER COLUMN:**



Everyone who attended Ríta's Spooktacular Halloween Party got to enjoy Shelley Noelle's delicious potato casserole. This dish would make a great addition to your Thanksgiving table. So, from page 33 of the outstanding Corvette Indy Cook-book, here is Shelley's recipe.

# **Baked Potato Casserole**

# Ingredients

5 lbs. potatoes, cooked in skins, then peeled1 small onion, chopped1 lb. bacon, cooked and chopped

Mayonnaise Cubed Velveeta Cheese

# Directions

Cool, peel and cube potatoes as you would for potato salad Mix enough mayonnaise in to coat potatoes Place potatoes in dish Top with bacon and desired amount of Velveeta Preheat oven to 350 degrees Bake for 45 minutes

#### **November Birthdays and Anniversaries**

If you would like to see your special dates included, please email them to me at <u>corvetteindynews@gmail.com</u>

Happy Anniversary to.....

Mark and Donna Schlichter

November 2

Happy Birthday to.....

Jim Alvis Wylie Etscheid

November 22 November 27



# \*More Fascinating Stuff\*



# **Colts Ticket For Sale**

2 tickets available for Colts vs Steeler game Nov 24 night game. Lower level 15th row from the field. \$140 each, first come first served. Paul Habecker. Paul@print-Tek.us. 260-438-2491

# From Chris Foster - UPDATE

2000 Corvette Convertible. 26,100 miles, excellent condition, 2nd owner. Many options including heads up, Bose stereo, 6 speed, upgrades to air intake and exhaust, always garaged. **Price Reduced** - \$20,500.00 **obo** 317-292-1527



# From Doug and Arminta Inbody

4 Original 1998-C5 Corvette aluminum wagon wheel rims with tires; 18" rear & 17" front as well as the 4 original Corvette center caps for these wheels

Asking \$400.00. Contact Doug or Arminta Inbody at 317-574-8905



# From Bill Baird

For sale - a set of 4 GM split-spoke wheels that I purchased for use on my 2008 Corvette. These are take-offs that I purchased in June , 2012. I never ended up using these, and now that I've traded-in the 2008, I obviously don't need these anymore.

Contact information:

name: Bill Baird

cell: 317-514-9261

e-mail: wbairdjr@comcast.net



# **From The Garage of Ron Johns**

# FOR SALE: 1997 CORVETTE C5 ORGINIAL EQUIPMENT RIMS \$200.00



# Ron Johns <u>Rjohns2@earthlink.net</u> 317-997-1295



# For Sale: C5 Window Valet (Used in the 'Ghost')

This will either raise or lower windows using your standard key fob.
See <a href="http://www.corvetteindy.com/bobs-window-valet.html">http://www.corvetteindy.com/bobs-window-valet.html</a> for more info.
Have the instructions and be glad to help you program it.

Asking \$50 OBO Bill Lapham <u>454vette@live.com</u>

# **Floor Mats For Sale**

Member Evan Meagher has two sets of C7 Floor Mats for sale:

- Set 1 \$40, C7 original black mats, like new condition.
- Set 2 \$40, C7 Stingray logo black mats, good condition with light wear.



I can be emailed, texted, or called at:

Evan Meagher <u>evansspace@gmail.com</u> 317-418-4492

# **Used 1993 Chevrolet Corvette**

\$8,000.00 80,100 mi. Polo Green with Black Interior

# **Seller's Notes**

This Polo Green coupe is a real head-turner. It has won several trophies in car shows. The paint and interior are in excellent condition. All systems and components are in perfect operating condition. The A/C compressor is new and was converted to the modern R-134-A refrigerant. The battery is also new. It drives like new. There are several dress-up and appearance protection items on the exterior and under the hood. Included are the shop manual, battery maintainer, sales brochure, laminated copies of original window sticker and build sheet, and dust cover. It is ready to drive.

If you would like to add this beauty to your stable – contact John Herder at  $(317)\ 253-8991$ 



# Auto Trivia Courtesy Of Linda White

Installment #14 of Linda's Fascinating Auto Trivia

# Q: Where was the World's first three-color traffic lights installed?



A: Detroit, Michigan in 1919. Two years later they experimented with synchronized lights.

# "Stuff I Guess I'm Supposed To Know"

Things you may or may not have known courtesy of John Rash - Installment #9:





# The *Weird* Word of the Week

At the request of several members, we are beginning a new feature to help build everyone's vocabulary skills. The word for this issue of the newsletter:

inaniloquent

Definition: speaking foolishly or saying silly things

Did you know what that word meant? Do you know anyone who does this at a CI meeting? Have any suggestions for words for the next issue?



# **Corvette Racing – Jim Alvis**

#### NOTE:

With the conclusion of the 2016 season, Jim will be taking a well-deserved break from

*Corvette Racing Reporting. Look for his return as soon as he has anything to report for the 2017 season. Thanks Jim for a great job!* 





Facebook Coordinator – Jim Alvis:

Do you need information on CI club activities, the latest on C7s or C8s, Corvette Racing or almost anything else Corvette related? Then check out the CI Facebook page. We have over **380** likes and growing. Stay up to date with the help of Jim Alvis and CI's Facebook page. Continue to check it out for the latest information on club happenings. Jim updates the Facebook page almost daily with the most current information. All you FB users be sure to keep checking.. You can link to our Facebook page from the top of our website homepage.

# From The Desk Of Our NCM Ambassador – Jerry Croy



# **Paying Tribute Through a Corvette**

For many people, their Corvette becomes a special part of their family. Fun times are had in the car, and it is a placeholder for many fond memories. Such is the case of the Alexander family's 1979 "Corvette Red" Corvette - which was donated last week in memory of Kenny Alexander.



Museum Executive Director Wendell Strode was on hand to welcome the family and accept the keys to the Corvette. "It really reflects the people side of what our mission is all about... in preserving the past, present and future of Corvette and Corvette enthusiasts," said Wendell.

Read the full story and see more pictures here.

### DRIVE N DINE HOSTS NEEDED!



It's still not too late to host a Drive n Dine this fall – although the weather is starting to turn. So hurry and plan possibly the last drive of 2016. The roads are still beautiful and it is a shame to miss the chance to drive them! If you would like some help there are many members who would be happy to assist you with the planning.

# **Food For Thought**

Courtesy of John Rash

### TINY STORIES!!

\*\* {1} Once all villagers decided to pray for rain, on the day of prayer all the people gathered, but only one boy came with an umbrella.\*\* That's FAITH

\*\* {2} When you throw a baby in the air, she laughs because she knows you will catch her.\*\*

#### That's TRUST

\*\* {3} Every night we go to bed, without any assurance of being alive the next morning but still we set the alarms to wake up.\*\* That's HOPE

\*\* {4} We plan big things for tomorrow in spite of zero knowledge of the future.\*\*

That's CONFIDENCE

\*\* {5} We see the world suffering, but still we get married and have children.\*\* That's LOVE

\*\* {6} On an old man's shirt was written a sentence 'I am not 90 years old.... I am sweet 16 with 74 years experience'\*\* That's ATTITUDE

Have a good week and live your life like the six tiny stories!

May you always have love to share, health to spare & friends who care.

Lighter Sides and Corvettes



I hate it when I'm singing a song and the artist gets the words wrong.



Always park sideways so not to get ding on fancy granite whee!!" I HAVEN'T LOST MY MIND.. HALF OF IT JUST Wandered OFF, and The other half went Looking for It.



"Bad news, its curiosity"

Don't stress about your evesight failing as you get older. It's ( natures way of protecting you from shock as you walk past the mirror.







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