



# GLASS SASS

VOLUME 46, ISSUE 2 FEBRUARY 2023



WVCA President  
Kelly Smothers

**G**reetings Veters.

I'd like to reiterate a comment I made last month about the Club's first sanctioned event for the year. Saturday, 15 April I would like to get as many Willamette Valley Corvette Association members and their cars to meet up with us at Walery's Pizza at 1555 Edgewater St NW, (that is in West Salem across the bridge) for the 94th annual **Cherry Blossom Poker Drive**.

Registration and the run begins at 9am. This event is a fundraiser for Salem Auto Club Council. Last year this event collected 303 lbs. of food and \$330 in cash for the Marion Polk Food Share. The Salem Auto Club Council voted to donate all of the proceeds from the sale of the poker cards, \$1,050 to two charities: Boys and Girls Club of Salem, Marion and Polk Counties and Northwest Vintage Car and Motorcycle Museum, Speedster Program.



This is an outstanding event, buy a poker card, drive around to 7-8 or eight stops, (did I mentioned one has Ice cream and Pie?) see over 250 classic cars and a little bit of the central Willamette Valley.

**Please put these on your calendar and come out with us.** There are lots of events and car shows this summer, don't forget we need folks to sign up for Jacket Night / Jacket Night cruises, Monthly road trips (beach anyone)

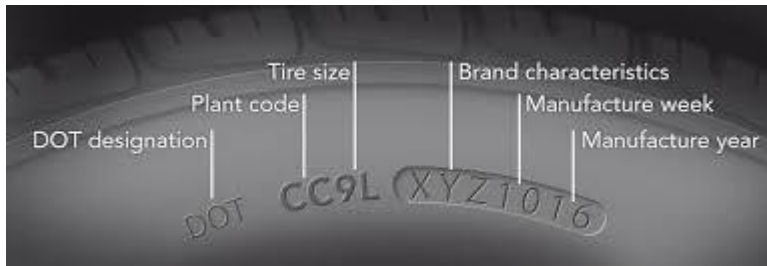
- ◆ 15 April - 94th Annual Cherry Blossom Poker Drive
- ◆ 29 May Mary's Peak cruise with Hub City (Memorial Day)
- ◆ 17 June WVCA Glass on the Grass -
- ◆ 8 July Springhill North Albany Car Show benefits Honor Flight
- ◆ 5 August Keizerfest Parade -
- ◆ 2 September Willamette Valley Street Rods. (Salem Riverfront)
- ◆ 2 September Celebrate Millersburg Car Show - 159 cars attending from years 1914-2022. Raised \$1521 for South Willamette Valley Honor Flight.

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- ◆ 14 September Presidents run Columbia River Gorge
- ◆ 14-17 September Corvettes on the Columbia (3 Rivers Corvette Club McCurdy Chevy)

If you missed this month's club meeting you missed my tech time this month. Tech Time: Specifically this month I wanted to talk about tire life. Did you know that, Since 1971 every tire made has a standardized identification number, but it wasn't until January 1, 2000 that the four digit code at the end of the ID number was added. Tire Date Code: 12 digit code:



DOT U2LL LMLR 5107 = Manufactured during the 51st week of the year  
 DOT U2LL LMLR 5107 = Manufactured during 2007

Perhaps you think this is just a ploy to get you to buy tires more often? Well, sorry to say that there is a large body of scientific literature that

supports what tire manufacturers tell us, and that tires have an expiration date and it is six years. I mean come on, you throw away expired food every day for your health and safety, why not check your tires and mark it on the calendar, you deserve a safe ride and you know she wants new shoes ;)

Tires begin to weaken and fall apart as they age, and the tire aging process happens regardless of whether a tire is on a vehicle or in a temperature-controlled room.

Most tires begin to significantly degrade around five years from the date of manufacture.

Six years from the date of manufacture, most tires are no longer safe for use on a vehicle. All the above includes that spare tire as well.

I hope this helps and saves you a minimum some frustration from being stranded on the road and two, maybe even your life.

Drive safe and smart out there. #SaveTheWave Kelly



**Glass Sass** is published monthly. The deadline for submitting articles is the 15th of the month. Club meetings are held on the 1st Thursday of the month at 6:30 PM at Northwest Car and Motorcycle Museum, 3995 Brooklake Rd NE, Salem, Oregon 97303, or if you can not make it in person, you can go on line at <https://join.freeconferencecall.com/wvca>. We welcome all Corvette enthusiasts and prospective members at any of our meetings. The Willamette Valley Corvette Association, Inc., was organized in 1968 to create an esprit-de-corps among Corvette owners; to further the general interest in Corvettes as a sports car; to provide an organization for the exchange of technical information between Corvette owners, dealers and the manufacturer; to encourage skillful handling and safe driving; to provide social gatherings of Corvette owners with a common interest; to encourage and assist members to compete in sanctioned events sponsored by WVCA and by other clubs with similar interests, and to encourage dealer/club co-operation and promote community betterment. Visit our website for more current information regarding our Club activities and events:

<http://www.willamettevalleycorvettes.com>

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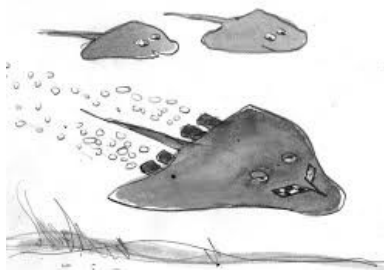
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"Cool. A Corvette stingray."

# WVCA Meeting Minutes

FEBRUARY 2ND 2023

Call to Order: 6:30

Route 99 for Dinner: 14

Guests: None

**Vote New Members:** Robert and Susan Cooker and Bob and Margaret Bozart.

Joe moved that we vote all four new members, Wayne Second. Vote was unanimous

Birthdays: Mollie Hendricks 02/18

Previous Months Minutes: January Minutes correction from Robert Wrecker to Roger Weber.

The minutes have been distributed through the Glass Sass, hearing no further corrections. Minutes approved as printed in the Glass Sass.

**Treasurer's Report for February 2023 General Meeting:**

Report:

Balance in Checking	\$	2,938.24
Petty Cash	\$	1,116.50
Savings	\$	8,312.48 (\$0.07 INTEREST)
Total	\$	12,367.22

No Expenses, no Deposits this month

Motion to Approve Julie and Ed Approved: None Opposed

**Presidents Report: Kelly**

President is planning on the Presidents Run in combination with **Corvettes On The Columbia Car Show** September 8th and 9th. It will be a Friday Cruise up the Columbia Gorge Highway to Richland, Washington.

First Sanctioned Event is the Cherry Blossom Run Poker Drive April 15th 94th annual a sign-up sheet.

**Vice President's Report: Joe**

February Jacket Night February 15th will be at Thompson Brewery and Public house. Jamilah is sponsoring the event.

Role of sponsor:

Find a Place to Host the Dinner that is big enough for about 30 people, and talk to the restaurant about accommodations for a large group.

Parking especially in the summer to park a large number of Corvettes so we can park in one area so our cars don't get damaged.

Make the Reservations for the Dinners about 6:15 and notify Club members.

Monthly Cruises any weekend or Saturday or Sunday:

Requirements:

- ◆ If its over night find a place to stay
- ◆ Provide a route so no one gets lost

Cowboy Dinner Tree Sponsored by Dave and Julie Schwerdt

Billy is putting on one

Tim Hagg from SCC has a great Events Calendar SalemAutoClubCounsel.org. Find event calendar here and find events.

March 4th and 5th Salem Roaster Show visitation no cars

Cherry Blossom Poker Run, starts about 9:00 am at Walery's and you drive to specific places and pick up a card. The last location we are sponsoring is here. There is Ice Cream and Pie at one location and a winery you can test.

Cascade Car Show – money goes to Cascade High School Mary's Peak Cruise Raining Snowing and Sleet.

June 17th our Car Show, everyone must come or Joe says your out.

Committee Reports:

SACC Tim Hase is working on the SACC Calendar

U2 Video about How Is It Made C8 Corvette its really well done. Please Watch. 40 minutes long, going through the Plant.

Setting up a Meeting with Power Land President Ron Smith to sign the final contract for Our Event. And the Event will go into the Bowling Green Event Calendar.

### April 27th Birthday Bash

Corvette Caravan 2024 Sign Up sheet will be coming so thin about if you wish to participate. August 29<sup>th</sup> – 31<sup>st</sup>. The Pacific NW Caravan will be leaving on August 22. There going to go East of Bend. There are at least 4 going an taking a couple weeks of to cruise to Bowling Green.

Car Show Committee, the advertising went out in the NW Classic Auto Mall. Thank Christie for putting together 3 , 4 or 5 ads and picked one to get that out for the publication. There will also be a Ad Blast go out to the email list.

Also there will be an Ad coming out running National Museum Web Site as well as the magazine. All free thru our membership.

Couple people questioned the T-Shirt design we went back to the drawing board on those. Everything else has been moving forward. A lot of people have been stepping up to the plate to help out. E-mails have gone out to 44 clubs. From Canada we got 3 people signed up from British Columbia.

We have had no luck with Michele. Taking a day off work and come down and have a conversation with Ron Smith. Michele knew nothing about our car show event. Joe talked to Ron at the SACC meeting and he mentioned she had heard about it, but nobody confirmed it, so Joe just dropped it. Now she is doing a contract.

There is a question about all the paying of the different lots. Everyone needs to be ok with the event. We will have to pay for the gate and the different locations at power land that will be used. Its \$300.00 for Power Land and \$300.00 for the Truck Museum. There is a question about the garbage; Kelly has a email regarding the garbage.

NW Calendar Kelly bought 10 of them. At a cost of \$6.00.

**Old Business:** None

**New Business:** Cowboy Dinner Tree - Flyer regarding information where we are staying, Dinner Plans and what time we are leaving on Saturday the 15<sup>th</sup>.

Sign up sheets are going around for Jacket Nights 3<sup>rd</sup> Wednesday of the month and Cruises.

**Tech Time:** Tire Date Code: 12 digit code

DOT U2LL LMLR 5107 = Manufactured during the 51<sup>st</sup> week of the year

DOT U2LL LMLR 5107 = Manufactured during 2007

**Good of the Order**

**Corvette Trivia:** Andrea Smothers

The most sold corvette of all time: 1979 C3 53,807 Winner Jamie

How many C3 corvettes were sold? 830,000 Winner Dave

**50/50 Drawing**

How much to the Club? \$55.00

How much to the Winners? \$30.00 Robert and \$30.00 Julie

ADJOURNMENT:



## Mid Engine Monthly News: Powerful E-Ray Revealed and Much More C8 News *John Elegant*

**T**he electrified E-Ray exploded in its reveal. So many surprises in every way, starting with it being faster to 60 MPH than the Z06, faster than the Z06 to the quarter mile, and yet its starting MSRP being \$104,295.

But before getting into many E-Ray details, the C8 Stingray continues to delight, again winning another major award. What could be better than being evaluated by Consumer Reports the most satisfying car to own compared to all its competitors — including Porsches? <https://bit.ly/3kHvHB7> For those wanting to get the most up to date news on their C8's order status, there is a unique, and free service provided on the MidEngineCorvetteForum linked thread, one especially valuable when your salesperson is MIA in this area.

All you have to do is post in the your order number and ask, “What is the status of my C8 order?” <https://bit.ly/3HByUet>

Mixing up the order of C8 info in this article for so much C8 news has broken this past month, and next we next have a Z06 owner interviewed at 1,000 miles: <https://bit.ly/3DkS1Hw>

Meanwhile more good news, in fact double good news for the Z06... First, for the first time since August, GM offered new, surprise allocations were announced and some of which include some carbon fiber aero packages — with even a few Z07's being offered to lucky customers. Second, daily Z06 production recently hit a new high of 32 units that day, and mid-20 Z06's have been made daily, e.g., no longer daily records but now typical daily production.

GM's overall C8 deliveries in the 4th quarter of 2022 totaled a new high too — with over 9,000 finding new homes. As the highest individual model year's C8 production so far since its first 2020 model years has been just over 26K units, this bodes well for the 2023 model year being in the bottom of the 30,000 range, especially as already approximately 25,000 Stingrays have been made and 775 Z06's. Still February through June (we think) yet to go so might there be over 32,500 units made this model year?

Here comes the 2024 Z06 C8.R as presented its official press release (with many more pictures at the link: <https://bit.ly/409HQ1X>)



The Z06 just became twice named the “Performance Car of the Year! It was so declared by both Road & Track and Motor Trend, Yes, “putting the world on notice.” R&T: <https://bit.ly/4065g>; Motor Trend: <https://bit.ly/3Rb41AK>

Now for E-Ray news, its press release, component specs, pictures, etc: On Christmas Day, GM shared a video of the E-Ray playing in the snow: <https://bit.ly/3j6v4AX>

The Official E-Ray press release with detailed specs/information is here: <https://bit.ly/3Dl44Ep>

Create your own version of your favorite E-Ray here on the E-Ray visualizer: <https://bit.ly/3JlZJow>

Here in one article is a summary of the 25 major E-Ray components and performance factors. Above was listed its MSRP, 0-60 MPH and quarter mile times but it surprised with its having carbon ceramic brakes standard. More major specs and attributes: <https://bit.ly/3XZWM0S>

The E-Ray is 1st All-Wheel-Drive Corvette! The performance numbers are eye-opening with Chevrolet claiming the E-Ray is the quickest production Corvette in history.

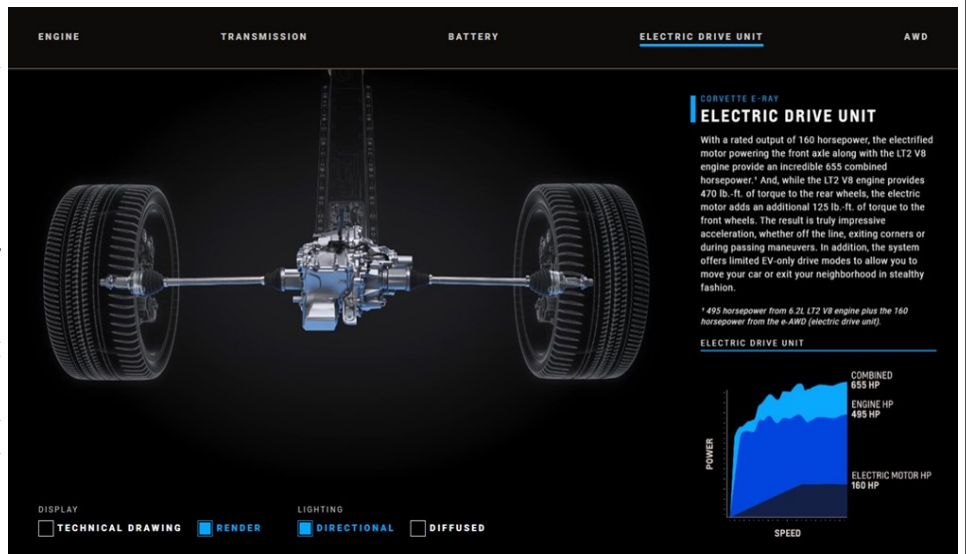
Additionally, the E-Ray is also capable of 1.1g on the skid pad. That’s what all-wheel-drive can do for the platform. The amount of electric assist is tailored for each of the Corvette’s six Driver Modes (Tour, Sport, Track, Weather, My Mode and Z-Mode.) Drivers can also select the Charge+ feature for maximizing the battery’s state of charge. The eAWD system monitors road conditions and adapts to provide traction. During spirited driving or low traction environments, the eAWD system provides additional power to the front wheels for

enhancing the vehicle’s stability. On the race track, the eAWD system provides additional torque to the front axle as needed. The E-Ray’s custom-designed Performance Traction Management (PTM) is also optimized to work in harmony with the eAWD system.

[Quote=“Tadge Juechter, Executive Chief Corvette Engineer”“Corvettes must provide an exhilarating driving experience on backroads and tracks, and E-Ray nails it. The electrification technology enhances the feeling of control in all conditions, adding an unexpected degree of composure.”[/Quote]

Want to watch an “E-Ray Deep Dive” video with GM’s Aaron Link, Global Vehicle Performance Manager Chevrolet Performance Cars discusses the technical aspects of the E-Ray; and, Kirk Bennion, Corvette’s Exterior Design Manager discusses the design: <https://bit.ly/3HBKshW>

Here’s to miles of Corvette driving smiles for you, for if you love yours it sure does not matter whether it is a new one, a sort of newer one, or a 1975 that needs body and mechanical work — with some of its 165 horses no longer being around. John





*That's How  
We Roll!*

**Tacoma Corvette Club**  
P.O. Box 91  
Auburn, WA 98071



*That's How  
We Roll!*

Visit our web site at: [www.tacomacorvette.com](http://www.tacomacorvette.com)

# **TACOMA CORVETTE CLUB 18<sup>TH</sup> ANNUAL OPEN HOUSE**

**Saturday, March 11, 2023**

The Tacoma Corvette Club is proud to host our  
18<sup>th</sup> Annual Open House event

Come and join us along with other corvette clubs and fellow corvette enthusiasts for an afternoon of getting together, meeting people, hearing about upcoming events, seeing all of our corvettes, and of course a great lunch hosted by the Tacoma Corvette Club. There's plenty of room to park so we hope to see you there in your corvette!

**WHEN:** Saturday, March 11, 2023  
12:00 Noon - 3:00 PM

**WHERE:** Corvettes of Auburn  
3401 C Street NE #1  
Auburn, WA 98002

Questions? Contact:

**Carol Tumia**  
253-381-9361 (Call or Text)  
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Auburn, WA 98002

253-939-3796  
[www.corvettesofauburn.com](http://www.corvettesofauburn.com)



## 2023 DRAG RACING TENTATIVE SCHEDULE

All Events & Dates are Subject to Change!

**Date Gates Open Event Description** 1/30/23 Updated

### MARCH

- 4 Sat 9 am NHRA Chassis Certification ~ Requires an Appointment ~ Call the track: 503-982-4461
- 25 Sat 9 am Test & Tune (All Cars, All Classes)
- 26 Sun 8 am Gresham CDJR Modern MuscleCar #1, Remodeling by Classic Homes Pickup #1, Futrell Autowerks Volkswagen #1, Last Lap Hole in Hood #1, ARC Automotive Super Shifter #1, Butterfly Portrait Studios, Powderpuff #1, BL Performance Sport Compact #1, Pure Addiction Diesel #1, Test & Tune

### APRIL

- 1 Sat 8 am Sunoco Race Fuels ET #1, Wilson's NAPA High School #1, Varner Auto Jr Street #1, Les Schwab Jr Drag Racing #1, Test & Tune
- 2 Sun 8 am Sunoco Race Fuels ET #2, Wilson's NAPA High School #2, Varner Auto Jr Street #2, Les Schwab Jr Drag Racing #2, Test & Tune

### 8<sup>th</sup> ANNUAL WEST COAST SPRING SHOOTOUT

- 8 Sat 8 am **8<sup>th</sup> Annual West Coast Spring Shootout Drag Race & Car Show**
- 9 Sun 8 am **2<sup>nd</sup> Annual DTP TruckWars**
- 15 Sat 8 am Gresham CDJR Modern MuscleCar #2, Remodeling by Classic Homes Pickup #2, Futrell Autowerks Volkswagen #2, Last Lap Hole in Hood #2, ARC Automotive Super Shifter #2, Butterfly Portrait Studios, Powderpuff #2, BL Performance Sport Compact #2, Pure Addiction Diesel #2, Test & Tune
- 16 Sun 8 am **SPRING 1/8 MILE MADNESS** ~ Electronics, Footbrake #1, Jr Street, Jr Lightning, Jr Thunder, Test
- 22 Sat 8 am Sunoco Race Fuels ET #3(LOL), Wilson's NAPA High School #3, Varner Jr Street #3(LOL), Les Schwab Jr Drag Racing #3(LOL), Test & Tune
- 23 Sun 8 am Sunoco Race Fuels ET #4, Wilson's NAPA High School #4, Varner Auto Jr Street #4, Les Schwab Jr Drag Racing #4, Test & Tune

### 4<sup>th</sup> ANNUAL A1 MUFFLER / Bi-MART NOSTALGIA NATIONALS ~ Pro Nostalgia, Ashton Paving Dragster/Roadster, Nostalgia Hot Rod Series, Sunoco ET Motorcycle & V-Twin

- 28 Fri 5 pm **4<sup>th</sup> Annual Nostalgia Nationals Parking** 12 pm – 8 pm and **Major Event Test** 3 pm – 8pm
- 29 Sat 8 am **4<sup>th</sup> Annual Nostalgia Nationals Race** ~ Pro Nostalgia, Dragster/Roadster #1, Nostalgia Hot Rod Series #1, Sunoco ET Motorcycle #1, V-Twin #1, and Test
- 30 Sun 8 am **4<sup>th</sup> Annual Nostalgia Nationals Race** Pro Nostalgia, Dragster/Roadster #2, Nostalgia Hot Rod Series#2, Sunoco ET Motorcycle #2(LOL), V-Twin #2, and Test

### MAY

- 4 Thu 3 pm **Thursday Street Legal Cruise-In** ~ Street Cars with license plates, mufflers, DOT type street tires.
- 6 Sat 8 am Sunoco Race Fuels ET #5, Wilson's NAPA High School #5, Varner Jr Street #5(LOL), Les Schwab Jr Drag Racing #5(LOL), Test & Tune
- 7 Sun 8 am Sunoco Race Fuels ET #6, Wilson's NAPA High School #6, Varner Auto Jr Street #6, Les Schwab Jr Drag Racing #6, Test & Tune

**13<sup>th</sup> & 14<sup>th</sup> ~ Sat & Sun ~ TRACK CLOSED ~ MOTHER'S DAY WEEKEND**

- 18 Thu 3 pm **Thursday Street Legal Cruise-In** ~ Street Cars with license plates, mufflers, DOT type street tires.

### 50<sup>th</sup> ANNUAL Bi-MART / COORS LIGHT SEASON OPENER~AA/Supercharged, Pro Nostalgia, Ashton Paving Dragster/Roadster, Nostalgia Funny Cars & Jet Sunoco Race Fuels ET Series, Sunoco ET Motorcycle, V-Twin, NW Dragbike

- 19 Fri 12 pm **49<sup>th</sup> Annual Season Opener Parking** 12 pm - 8 pm / **Major Event Test** 3 pm - 8 pm
- 20 Sat 8 am **49<sup>th</sup> Annual Season Opener Race** ~ Dragster/Roadster Qualifying, Sunoco Race Fuels ET Series #7, Sunoco ET Motorcycles #3, V-Twin #3, NW Dragbike Qualifying, No test & tune
- 21 Sun 8 am **49<sup>th</sup> Annual Season Opener Race** ~ Dragster/Roadster Eliminations, Sunoco Race Fuels ET Series #8(LOL), Sunoco ET Motorcycles #4(LOL), V-Twin #4, NW Dragbike Eliminations, No Test





## Unintended Consequences

*By: Paul Ennor*

This won't be my usual mental trek back in time, so if you jumped right to my monthly article hoping to find some light entertaining reading about times past, I'm afraid you will be disappointed. If that disappoints or offends you it's fine if you just skip to Kelly's article for timely Club news. Or head on to Kent's article on C5 subjects. His experience-based knowledge on the C5 generation is exceptional and makes for great reading. Or, if you crave to know more about the very latest news from Bowling Green about the Corvette jump to John Elegant's monthly update. But if you want to follow me down the rabbit

hole of speculation stay here and read on. Just don't get too angry with me. In my years of writing, I have gotten in trouble more than once for publishing my thoughts. Be aware that the rest of this article is editorial in nature and represents only my own thoughts on the subjects I'll bring up. This is a disclaimer; Continue reading at your own risk.

Times are changing fast in the world. By the time you read this some of it might even be obsolete. This month GM introduces us to the rumored E-Ray There's no need for speculation anymore. The E-Ray is not a fully electric Corvette. It's hybrid Vette retaining the mid-engine V8 of the Stingray and adding electric motors to the front wheels making it the first all-wheel drive Corvette. Personally, I had hoped it might be a plug-in hybrid like the Chevy Volt was but it isn't. What it is though is the quickest Corvette you can buy with its electric motor assistance. Quicker than the Z06 even. For sheer zero to 60 acceleration nothing can beat it. That's the good news.

But the ink was barely dry on the announcement of the E-Ray when speculation popped up about a successor to the C8. There have been artists guesses about what A C9 Corvette might look like and of course much speculation as to whether the C9 will be

fully electric. Almost simultaneous with the E-Ray announcement GM announced that they are developing an all new V8 gasoline engine. Ugh, what for? Most likely we'll never see it in a Corvette. It's probably going to be a truck engine. The company already told us last year that they intend to go to a fully electric future by the 2030's. So why a new V8 design? Not for the Corvette, I'm sure. But GM truck buyers will still want a gasoline option once they find that electric trucks are cool but have range limits.

Corvette already has the Z06 engine and the original LS engines too. So, to reengineer the C8 chassis for a different V8 is probably not in the works The Z06 V8 is hand built at the Bowling green plant and only used in Z06 Corvettes. Unintended consequence (my opinion), The C8 Z06 engine may wither and die as an orphan without a home because the E-Ray is simply quicker than the Z06 and cheaper to build in the long run. Meanwhile the Corvette team will probably put its energy into the next fully electric Corvette whether it's a C8 or an all-new C9 who knows.

Next item, GM announcement late last year that the company intends to use the Corvette name as the name for a whole new car division of General Motors. Similar to, Chevrolet, Buick, Cadillac, GMC, and the defunct the ones; Oldsmobile, Pontiac and Saturn. After killing off those last three divisions the brain trust at GM thinks that "borrowing" the Corvette name plate for whole new division is a good idea. Unintended consequence (as I see it); The name Corvette will no longer feel special once it's stuck on a bunch of all electric crossover SUVs and who knows what other vehicle types. Can you imagine an all-electric El Camino like pickup with the Corvette name plastered on it. I'll admit there's no evidence for such a thing but, heck, why not. Those folks at GM seems to be on a roll. Who knows what they might imagine into existence.

After all, they did build the SSR pickup. Remember? In the end will the Corvette name even be synonymous with Americas only sports car or will it just be another GM division label? Finally - A local example of unintended consequences. As people start buying and driving more electric vehicles there will be less gasoline sold. "So what?" You ask. For each gallon of gas sold 57.9-cents is

Federal and State tax. What's the ".9 cents" for anyway?). That tax money has built and maintained the road system. The guy charging his electric vehicle at home doesn't pay any gas tax. Unintended consequence; The money to build and maintain our roads and bridges slowly dries up. The Oregon legislature is way ahead on this issue. Their solutions, increased vehicle registration fees for everyone but make it higher for electric vehicles. Ok, fine. Then authorized ODOT to charge tolls when and where those unelected bureaucrats decide to pay for expenses, they deem necessary. "How much is the toll, where and how will it be charged?" you wonder.

Don't worry ODOT has a committee working on that in secret they'll let us know sometime. Not unintended consequence (this is real); in three years ODOT will start charging everyone who drives on certain segments of I-205 and I-5 in the Portland area a toll for the privilege of using those sections of freeway. Well, not "freeways" any longer but call them "toll ways" starting in 2025.



## C-5 CORNER BY KENT MUHLE

**A**nother month has come and gone, and the Amish-vette still isn't back on the road. This is the longest he and I have been apart since we met in 2009, and I miss my old buddy. Should be soon!

The last two columns focused on engine modifications, and we've managed to keep all the streetability of the factory C5 but added up to 50 HP in phase 1, and 150 or so in phase 2. Keep in mind that phase 1 required the drive train to be in tip-top condition, and phase 2 required some beefing up from the clutch on back. On to Phase 3, or what I like to refer to as Holy Crap!

At these power levels, you are going to have to rethink your suspension, brakes and tires. ALL other supporting systems will have to be operating at 100%, and you will have to upgrade your fuel delivery to support the extra power. This phase will cost you about half of what a used C7 Z06 goes for, and you'll at least keep up with them, but it won't be the turn-key, easily serviced, reliable beast that a C7 is. You're gonna break stuff, and it's going to be expensive stuff, like your clutch, transmission and differential.

Discuss your anticipated power level with someone like RPM Transmissions, and price those items first. You can actually swap the entire trans, diff and rear cradle from a C6 and start off with a stronger base. Also, you're going to find every weakness in your 20 year old car, and you'll have to be EXTREMELY careful of who you let service it. Add in the fact that you will never get a positive return on your investment, and it makes absolutely no financial sense to get this crazy. That giant smile you'll have every time you sit behind the wheel will be worth it though.

My bias is toward sports car racing and autocross, so I'm not going to talk about the cheap ways to make huge power, like using 5.3 iron blocks and boosting the Bejesus out of them. Let's stick to aluminum blocks and no NOS.

If you're going for maximum power, boosting is the way to go. Turbo's are cool, but packaging is an issue unless you like stuff sticking out of your hood. They take up lots of space, and create huge amounts of heat if under hood, but a rear-mount twin-turbo setup will deliver an easy 550+ at the wheels with minimal mods to your stock LS1. It would take a whole page to list the pros and cons of this setup, but I rode in one with the STS system at an autocross, and since it was a first gear only course the turbo never really spooled up.

The owner told me it only got into boost in second gear and then it was impressive. The easiest way to 550+ at the wheels is a centrifugal supercharger. Kits from A&A are popular and very well put together. Feels like your stock C5 until you put your foot in it and the revs start climbing. From 5k to 6500 it's almost shocking. Again, huge pros and cons, but under hood heat and a rather peaky HP curve make the supercharger seem wrong from an Autocross view. Great fun though, either option can get you over 1,000 hp for \$20k to \$30k.

To get big power out of a naturally aspirated engine takes work, but if you do it right, it's my favorite way to go for a driver/autocross terror. The power tends to be more linear, and there's no added weight from all the plumbing required in boosted applications. There are a bazillion ways to achieve 600 HP out of an LS motor, but for power AND street manners, it's hard to beat a built LS3. A quick internet search netted results from 530HP at around \$9,000, to 630HP for \$20,000. These are for fully assembled engines with warranties, run on pump gas and are fairly easy to live with on a daily basis.

Pick your poison, max out your visa and have some fun! Remember though, power is nothing without control.... Stay safe everyone, see ya next month.

Kent

### **Disclaimer**

*C5 corner is based on my experience with my own car for over 12 years and 120,000 miles and counting. The length of each months column prevents me from going into as much detail as needed, so consider these episodes as simply an overview of what I've done. I will include average prices and names of places to get parts, but you should do your own research before attempting the changes I suggest. Your mileage may vary as they say, and not all recommendations I will make will work for everyone's style of driving. If you have any questions or need any help feel free to contact me. Modify at your own risk, and have fun.*

# 2022-23 Standing Committees

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**Brent Wilson (Chair)**

### **Activities**

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