THE LEGEND

A Quarterly Newsletter of the St. Louis Chapter of the National Corvette Restorers Society

Volume 37, Number 2 **March/April 2025**

www.stlouisncrs.org

SHOW-ME REGIONAL Version 2.0

The 2025 Show-Me Regional is just around the corner and appears to be on track to be a successful event. So, you ask, what could be better than cohosting an NCRS Regional judging event in 2025? Hosting another one in 2026, of course. During the NCRS Board meeting on March 20th, the Board accepted a proposal from the St. Louis and Kansas City Chapters to host a second Show-Me Regional in Springfield, MO. April 16-18, 2026.

This event will tentatively be the 3rd of four regional events now scheduled to feed the 2026 NCRS National Convention in Charleston, SC, July 26-30, 2026. The first Regional in this cycle will actually be the Lone Star Regional in Frisco, TX, October 22-24 of this year, followed by the Florida Regional January 14-17, 2026; the Show-Me Regional in April, 2026; and the Pittsburgh Tri-State Regional, June 4-6, 2026.

So now you ask, how did that happen? The committee working on the 2025 Show-Me Regional had previously discussed with the Atrium Hospitality Group the possibility of future NCRS events at the Springfield Expo Center, including what it would take to host NCRS Convention. Recently the Atrium Group offered a 2026 Proposal that included 350 room nights at the University Plaza Hotel, and the use of the Springfield Expo Center as well as hotel meeting rooms at no cost over the minimum food and beverage agreements similar to the 2025 event.

The Boards of both the St. Louis and Kansas City Chapters approved the proposal and submitted it to the NCRS National Board which approved it on March 20th without reservation. In fact, NCRS President Mike Ingham thanked the two Chapters for stepping up to serve the organization.

Will we do this again in 2027, you ask… Probably not. Part of the decision to go forward in 2026 was that the North Central Chapter is submitting a proposal to host a regional event in Minnesota during June, 2027, as the final feeder to the NCRS Convention in French Lick, IN, in July 2027. While they may have beat us to that enticing opportunity, we will support our good friends to the north with whatever assistance and whatever cars we can send them in 2027. We will do our best to make sure that we host exciting regional events in 2025 and 2026 and we will see where the future takes us beyond that.

NEW IN THIS ISSUE…

2025 Chapter Calendar of Events ..... **Page 3**
From the Chair, *by Bill Mulder* ..... **Page 5**
Chapter Judging Report, *by Kelly Waite* ..... **Page 6**
2024 Financial Report, *by Joan Burnett* ..... **Page 10**
Article, Installing New C2 Dash Pads, *by Mark Markel* ..... **Page 11**
Article, 57 FI Air Cleaner Element A56C, *by Kelly Waite* ..... **Page 15**
Article, The General Motors Heritage Archives, by John Foster ..... **Page 17**
Article, How to Change a Fuel Tank, C2 Corvette, *by Tom Dingman* ..... **Page 18**
Classifieds ..... **Page 23**

CHAPTER OFFICERS for 2024

Chair, Bill Mulder	513-305-8949	billMulder123@gmail.com
Vice-Chair, Mike Marsden	636-399-3741	mmarsden@demoulin.com
Secretary, Kay Augustus	636-362-4231	kay.augustus410@gmail.com
Treasurer, Joan Burnett	636-462-4401	joanieburnett@gmail.com
Board Member, Jeanene Kreevich	618-656-5398	billandjeanene@att.net
Board Member, Bill West	314-805-2966	bwestgmail.com
Board Member, Kurt Kobusch	314-578-6874	kkobusch1@outlook.com
Judging, Chair Kelly Waite	636-284-0500	kellywaite@att.net
Membership Chair, Jim Sahrmann	314-393-7338	jim.sahrmann@geco.com
Charity Chair, Joan Burnett	636-462-4401	joanieburnett@gmail.com
Webmaster, Joe Raine	314-799-7513	j.r.raine@gmail.com
Newsletter Editor, John Foster	314-277-2204	foster.johnfjr@gmail.com

NCRS ST. LOUIS CHAPTER FACEBOOK GROUP

Are you a Facebook user? If so, check out the St. Louis NCRS Chapter's Facebook Group. There are over 60+ members on board already. Catch up with the latest Chapter news, events, and judging accomplishments. Share your Corvette news, photos, and even your need for parts or even just one more Corvette. When you log in to Facebook, search for the **NCRS St. Louis Chapter**. Join today!!

NCRS NATIONAL CONVENTION 2025

Plan now to attend the **2025 NCRS National Convention September 7-11 at the South Point Hotel and Casino in Las Vegas.** In addition to judging some of the best Corvettes on the planet, there are a plethora of things to do in and around Vegas. There are planned tours of Hoover Dam, The Ron Fellows Driving School, and even the Mob Museum.

REGIONAL EVENTS

Many members complain about not having an opportunity to judge at regional and national events. Here's the secret to breaking into the national judging teams. It takes time but… attend regional events and register to be an Observer Judge. You will have the opportunity to observe the more experienced judges and most will take the time to tutor you while they judge. In addition to developing your skills, establishing a relationship with the team leaders and making your interests known is also key. Consider attending one of the **upcoming regional events: S. Carolina April 3-5, Arizona May 1-3, Texas October 23-25 and of course Springfield, MO July 17-19** Check them out in The Driveline and register online at www.ncrs.org/events

CHAPTER CALENDAR OF EVENTS

Join us for our dinner meetings
6:30 PM on the third Tuesday of each month
The Sports Café, 3579 Pennridge Dr., Bridgeton, MO

Date		Activity	Location
April	3-5	Carolinas Regional	Clemson University, NV
	15	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	20	St. Louis Street Rod Assoc Easter Show	St. Charles, MO
	26	***StL Chapter Judging Meet***	**Fast Lane, St. Charles, MO**
May	1-3	Arizona Regional	Glendale, AZ
	10	Larry Lipsitz Garage Tour	Ladue, MO
	17	Poage Chevrolet Salute the Troops Show	Wentzville, MO
	20	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	31	*Chapter Judging Meet* / Caffeine & Chrome At Gateway Classic Cars	Collinsville, IL
June	6-7	Bloomington Gold	Bloomington, IL
	17	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	21	StL Chapter Picnic	Love Park, Manchester, MO
July	15	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	17-19	**Show-Me Regional**	**Springfield, MO**
August	19	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	21-23	Corvettes At Carlisle	Carlisle, PA
September	7-11	NCRS National Convention	Las Vegas, NV
	16	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	28	***StL Chapter Judging Meet***	Love Park, Manchester, MO
October	21	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	24-26	Lone Star Regional	Frisco, TX
November	18	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton
	22-23	Muscle Car and Corvette Nationals	Rosemont, IL
December	17	StL Chapter Dinner Meeting 6:30 PM	Sports Café, Bridgeton

ADDITIONAL EVENTS WILL BE ADDED THROUGHOUT THE YEAR

For More Information on Car Shows and Events in the St. Louis Region Join the "Car Show, Swap Meets, and Cruises St. Louis Metro Edition" Facebook Group

SHOW-ME REGIONAL
KC
ROUTE US 66
National Corvette Restorers Society
JULY 17TH-19TH 2025
Springfield MISSOURI

FROM THE CHAIR *by Bill Mulder NCRS#60998*

Dear All:

Latest Events

2025 is off and running at full steam. Yes, a little pun from our trip this month to the Transportation Museum with Chapter member Frank Bloemke as our guide. The Museum has over 50 trains and other vehicles on display, even aircraft. About 15 members attended and the long drive award goes to Joe Parton from Carrier Mills, IL which was a 2.5-hour drive one way with his white C4.

I had no idea the Transportation Museum is as big as it is and had so many things to see. More importantly, I learned what a Rock Star Frank Bloemke is by placing 2nd in the Nation in the Fisher Body design contest in 1953. He won what is $36,000 today and his picture and car is in museum. Plus, he also won a GM Institute Scholarship. He had to hand file every chrome piece from brass and then have it chromed. What a work of passion and art.

Frank and Museum's Fisher Body display

The model Frank designed and built from scratch that earned him 2nd place in the nationwide competition.

Frank in 1953

We also had 60 people at our Chapter judging event at D&A Corvette. What a great time and Dick was a great host. Special thanks to Dave Buescher who volunteered a full day of his time to help Dick get the shop ready for the event. We presented the owner of D&A, Dick, with a newly designed and much larger banner with our name on it, created by Dave Burke. – Dick was very much moved by it.

Future Events

Easter Car Show at Family Arena – 4/20/25 (Sunday). Always a great show with 300+ cars. Bring your ride out and join the group. We usually have 5-7 members bring their cars. Please come out.

Chapter Judging Fast Lane – 4/26/25 (Saturday). If you have not judged in the past, please sign up and our judging chairman, Kelly Waite, will pair you up with an experienced person for a rewarding and fun time.

In conclusion, we are off to a great start with our March meeting with David Williams from Fast Lane. Please come to a meeting as we have not only great people but also great speakers and interesting topics.

CHAPTER JUDGING REPORT *by Judging Chair Kelly Waite NCRS#27432*

We had a great judging event at D&A Corvette on February 22nd!! Great to have an Event in February!!! Great to have indoors as well. This event started as a mini meet to enable a couple of members be able to do PV at our upcoming Regional in Springfield, Missouri this July. Then... we had so many folks who wanted to judge, the event kind of grew!!! Dick Ferrando invited Joe Verrillo to also come and he brought two cars all the way from New York! Major kudos to Joe Verrillo. We ended up judging four cars. ☺ In addition to Joe's two '65s, we had Thomas Watson's '63 Split Window, and Dan and Mary Jo Kiehl's '64. All Achieved Top Flight!

Thanks to all who attended!

Major thanks to Dick Ferrando for hosting a great event in the middle of the winter!!!

And thanks to our tabulators Joan Burnett and Kay Augustus.

Joe Verrillo receives his TWO Top Flight Ribbons

Joe and his buddies received the longest distance

Thomas Watson receives his Top Flight Ribbon

Dan and Mary Jo Kiehl receiving their Top Flight Ribbon

CHAPTER JUDGING CHAIR REPORT, *Continued…*

We have two more Judging Events lined up before our Regional. Our next event will be held at Fast Lane Cars on April 26th. We have the following cars to judge:

- 1967 SB – Kurt Kobusch
- 1967 BB – David Williams
- 1967 BB – Steve Gorman
- 1966 BB – Randy Potter
- 1966 SB - Concours – Mark Bramlett

And after that… we have another judging event at Gateway Classic Cars in OFallon, Illinois, on May 31st. Our Chapter is a sponsoring Car Club at Gateway's Caffeine and Chrome event that day. Since we are going to be there showing off our Chapter to the public, a recruiting opportunity, the Chapter thought it would be great to also demonstrate our judging while offering an opportunity for owners who wish to have their cars judged. We may have five more cars judged there, including:

- 1966 Conv – Chris Haefner
- 1972 Conv – Tim Shafer
- 1963 SWC - Jeff Bratton
- 1966 - TBD
- 1958 - TBD

I am really looking forward to our upcoming Show Me Regional in Springfield, Missouri on July 16th thru 19th. See flyer in this newsletter. This is going to be an incredible event!!! I hope you all will attend and volunteer!! A number of Chapter members are having their cars judged at our Chapter events, hopefully in preparation of our Regional ☺!!!

Also – by the way – next time you see then… please give Walt & Dianne Kunz, Dick Ferrando, and Joe Verrillo a huge thank you… as they are major sponsors for our upcoming Regional!!!

Hope to see you soon. Please call me if you have any questions 636 284 0500.

THANK & SUPORT SUPPORT OUR SHOW-ME REGIONAL SPONSORS

RELIABLE CHEVROLET
KUNZ FARMS
GOOD DOGG Beverage Company
D&A CORVETTE RESTORATIONS
VERRILLO Motor City Co.
Corvette Central
DeWitts
KELSEY TIRE, INC. Exclusive Distributor
VISIT SPRINGFIELD MO
Commerce Bank
NCM INSURANCE
Norland Pure
NCRS Region II Representative Andy Goodman
Classic Cars Lake Ozark, Missouri
Corvette SPECIALTIES of Kansas City

CHAPTER JUDGING EVENT APRIL 26 REGISTRATION FORM

St. Louis NCRS Chapter Judging Event
Saturday, April 26th 2025

Fast Lane Classic Cars
427 Little Hills Industrial Blvd
St. Charles, MO 63301

You can register your car on line at www.ncrs.org/news-and-events. New NCRS rules require a copy of your registration or Title, and a copy or your insurance card.

Note that this form is only used when you register your car manually. If you do not register on line, you will need to send a copy of your registration or Title and a copy of your insurance card to Kelly Waite along with this form and your check. See mailing address below. You will also need to sign an NCRS Summary Judging Sheet at the Event.

Directions: From Highway 270 and 370… go West on Highway 370 to Highway 94 and go North on Highway 94. You will see Fast Lane two blocks North on Little Hills Industrial Blvd.
Schedule of Events: 9:00 A.M. Registration and Judges Meeting, followed by Flight Judging and Lunch. Awards after judging complete.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ NCRS Number: _____ Expires: _____

Spouse / Guest: _____ E-mail: _____

Attendance is FREE but we request you pre-register **FREE**

Flight® Judging Entry: Fee **$90.00** * $_____

Concours® Judging Entry: Fee **$50.00** * $_____

Sportsman Entry: Chapter_____ Fee **$20.00** $_____

Special Display: Bowtie, Crossed Flags, Duntov, McLellan (Circle One) FREE

Make check payable to: NCRS St. Louis Chapter **Total:** $_____

Car Info: Year: _____ Coupe/Conv: _____ Engine: CI_____H.P. _____

Complete VIN: _____

Ext Color:_____ Int: Color:_____ Int Fabric: Standard/Leather: _____

Following Applies To 1963 - 1996 Only: Trim Tag or Service ID Label Info:

Paint Code____Trim Code:____Build Date: ___Body Number (63-67):_____

* Fees are not refunded for cancellations after March 26th
For questions email Kelly Waite at *kellywaite@att.net* or call (636) 284-0500

Mail to:
Kelly Waite
2083 Eisenbath Road
OFallon, Missouir 63366

.

_____ _____ _____
Name **Signature** **Date**

CHAPTER JUDGING EVENT MAY 31 REGISTRATION FORM

St. Louis NCRS Chapter
Judging Event
Saturday, May 31, 2025

Gateway Classic Cars
1237 Central Park Dr
O'Fallon, IL 62269

You can register your car on line at www.ncrs.org/news-and-events. New NCRS rules require a copy of your registration or Title, and a copy or your insurance card.

Note that this form is only used when you register your car manually. If you do not register on line, you will need to send a copy of your registration or Title and a copy of your insurance card to Kelly Waite along with this form and your check. See mailing address below. You will also need to sign an NCRS Summary Judging Sheet at the Event.

Directions: From Downtown, St. Louis, go East Highway 64 to North Green Mt. Road. Turn right or South and go about 2,000 yards to Central Park Drive. Turn Right on Central Park Drive and go about 1/4th mile to Gateway Classic Cars.

Schedule of Events: 9:00 A.M. Registration and Judges Meeting, followed by Flight Judging and Lunch. Awards after judging complete.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ NCRS Number: _____ Expires: _____

Spouse / Guest: _____ E-mail: _____

Attendance is FREE but we request you pre-register **FREE**

Flight® Judging Entry: Fee $90.00 * $_____

Concours® Judging Entry: Fee **$50.00** * $_____

Sportsman Entry: Chapter_____ Fee **$20.00** $_____

Special Display: Bowtie, Crossed Flags, Duntov, McLellan (Circle One) FREE

Make check payable to: NCRS St. Louis Chapter **Total:** $_____

Car Info: Year: _____ Coupe/Conv: _____ Engine: CI_____H.P. _____

Complete VIN: _____

Ext Color:_____ Int: Color:_____ Int Fabric: Standard/Leather: _____

Following Applies To 1963 - 1996 Only: Trim Tag or Service ID Label Info:

Paint Code____Trim Code:____Build Date: ___Body Number (63-67):_____

* Fees are not refunded for cancellations after April 30th

For questions email Kelly Waite at *kellywaite@att.net* or call (636) 284-0500

Mail to:
Kelly Waite
2083 Eisenbath Road
OFallon, Missouir 63366

Name **Signature** **Date**

CHAPTER FINANCIAL REPORT *by Treasurer Joan Burnett NCRS#2731*

2025 NCRS St. Louis Chapter Financial Report

Opening Balance, January 1st of reporting year:			**$8,277.28**
INCOME:	**(Gross Income)**		
	Membership Dues 2025	$1,490.00	
	Membership Dues 2026	$320.00	
	Events(Meets, Schools, Swap Meets, etc.		
	Judging Fees - D&A meet	$360.00	
	Judging Fees - 2025 Spring Meet	$180.00	
	Total Events Income		**$540.00**
	Other		
	Manual Sales	$50.00	
	Badges	$10.00	
	Total Other Income		**$60.00**
Total Income:			**$2,410.00**
EXPENSES:			
	Event Expenses(List separately to match above event income)		
	Judging Meet Feb 22 - Coffee, Donuts & Partial Lunch	$226.68	
	Chapter Banners	$88.24	
	Total Event Expenses		**$314.92**
	Dues Related Expenses		
	Website Expense	$237.87	
	Business Cards	$73.37	
	Paypal Fees	$35.72	
TOTAL EXPENSES:			**$661.88**
Account Balance	**3/31/2025**		**$10,025.40**
Charity Account			
	Charity Income		
	2024 Charity Funds held over	$553.24	
	Dividends	$0.07	
	50/50 drawing for Charity	$197.00	
	Special Meet Owners Contributions	$200.00	
	50/50 Winner Contributions to Charity	$136.00	
Account Balance	**3/31/2025**		**$1,086.31**

Respectfully submitted Joan Burnett

CHAPTER DINNER MEETING MINUTES *by Secretary Kay Augustus NCRS#14251*

SPECIAL BOARD MEETING March 17, 2025

A Special Board Meeting via ZOOM on March 17th was announced to the membership on March 13 for the purpose of discussing a proposal from the Atrium Group for the STL and KC Chapters to cohost a regional in April 2026.

The meeting commenced on ZOOM at 7:00 PM with the following Board Members Present. Mulder, Foster, Burnett, Augustus, West, Waite, Kreevich, Marsden, Sahrman, and Kobusch. Raine was absent. No other members of the Chapter logged into the meeting. John Foster gave a presentation on the proposal. Many questions were asked about the status of the 2025 Regional and what the cost differences would be for 2026. John was answered all the questions. He added that Kansas City held a Board meeting on Sunday, March 16, and had approved the proposal on the condition that St. Louis also approved. John made a motion to approve the proposal and submit a joint proposal to the NCRS National Board meeting on March 20. Joan Burnett seconded the motion and with no further discussion the Board voted unanimously to approve the proposal. John would make a presentation to the membership at their Chapter dinner meeting on March 18th.

CHAPTER DINNER MEETING March 18, 2025

The Chapter dinner meeting on March 18th began at %:40 with a presentation from David Williams of Fast Lane Cars. Dave spoke of how he got started in the business of buying and selling performance cars and how Fast Lane has grown.

John Foster gave a brief overview of the 2025 Show-Me Regional and announced that the Board had approved submitting a joint proposal with the KC Chapter to host another Regional Event in April 2026.

Joan passed around a get-well card for Pam Lueker who recently underwent additional leg surgery.

After the 50/50 drawing the meeting was adjourned.

INSTALLING NEW C2 DASH PADS, *by Mark Markel #20583*

After owning a couple of mid years over the years. I thought I share the install of my new dash pads from Al Knoch.

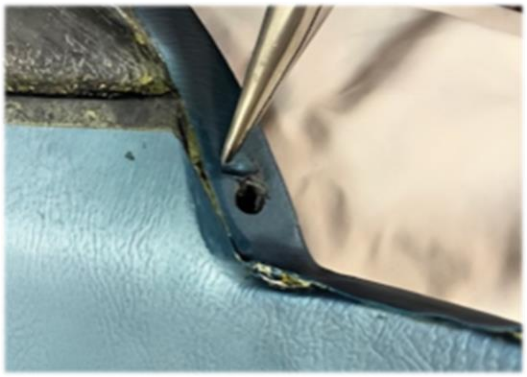
I purchased a 67 Coupe painted body, completely restored rolling chassis, and a complete interior package from D&A Corvette. Doug and Tim at AMT Performance Engines are currently doing the L79 engine rebuild. I still enjoy restoring corvettes, but face it, I'm getting old and don't want do the hard work. This was the best way to have a Dick Fernando car in the end while enjoying assembling the car myself.

After bringing the body home I began installing everything that needs go on the freshly painted body prior to body drop. Being close to done with the exterior trim and under hood assemblies, I decided to change course and install the dash pads the dash frame since that would need to go in soon. The weather in February was cold, however, I purchased an electric heater, shut the door to my garage and kept working.

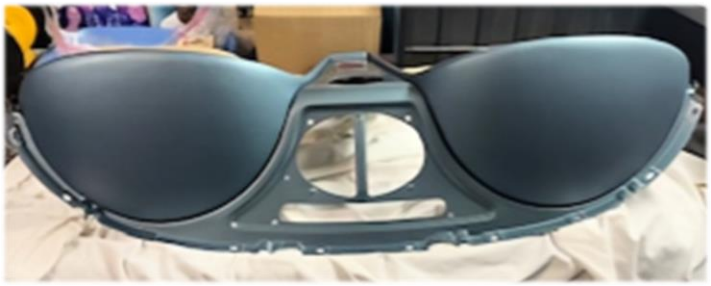
INSTALLING NEW C2 DASH PADS, *Continued*…

Dick had painted all the inside trim parts. By the way, the car is originally Elkhart Blue with teal interior. I that makes an interesting match. I am by no way the same level as Dick or his employees over the years, but I've always found if you ask Dick, he's more than willing to help with whatever you're working on. I think he appreciates mentoring us doing the work.

To install the dash pads, you will need dash frame painted, and two dash pads, 14 clips new (ZIP Corvette $31.00) or used, a long needle nose pliers, a flat screw driver, and a well-covered flat work surface.



GM pre drilled the holes in the dash frame and the dash pads to match. The AL Knoch pads had pre drilled holes, however they didn't clean them out good enough to put clips in. After working on the holes and clearing out excessive dash pad material I was ready assemble. GM clips for the dash pads are very unique and I'm not sure how they came up with the design. I had original clips from other cars and you have to be careful. They will only open a close so many times before breaking in middle. When you take them out, use a flat tip screw driver and divide. The clip will fall out. Putting it back in you use long needle pliers, and push the clip into the hole. You then pinch it tight and it spreads inside and holds the frame against the pad. This works best with the dash panel on a bench, however if you are replacing the pads while the dash is still assembled in the car, it can be done by the dash cluster out and glove box.



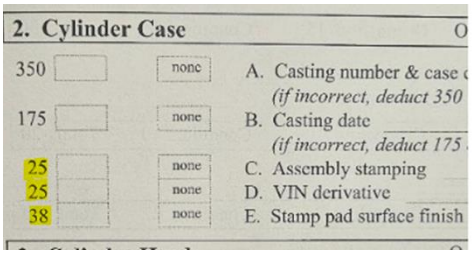
HOW WOULD YOU JUDGE THIS STAMP PAD? BY ANONYMOUS

To the right is the Stamp Pad of a 1967 Corvette Big Block.

Immediately below it is a closer image of the same stamp pad.

How would you judge this pad?

The judging sheets provide for 25 originality points for the Assembly stamp, and 25 points for the VIN number. In addition, there are 38 points for the stamp pad surface finish or broach marks. As noted on the of the Judging Sheet, there are no condition points awarded for stamp pads. In addition, per the standard deduction guidelines, there is no "partial credit" for these areas. It either appears correct / typical factory production, or it does not.



2. Cylinder Case			
350		none	A. Casting number & case *(if incorrect, deduct 350*
175		none	B. Casting date *(if incorrect, deduct 175*
25		none	C. Assembly stamping
25		none	D. VIN derivative
38		none	E. Stamp pad surface finish

So… when this Mystery Author looks at the VIN and the Engine assembly stamp… the answer is … The font is atypical and the spacing is atypical, so full deduct the full 25 points on the Assembly stamping, and the full 25 points on the VIN derivative.

HOW WOULD YOU JUDGE THIS STAMP PAD, *Continued…*

Upon further examination, the stamp pad surface appears old, but does not appear to be typical factory production either (NTP). Broach marks typically have a "choppy" cutting look. In addition… most of the time the edges of the stamp pad will show some cutting chips and not be a crisp line.

Also, and more visible in person, you can see that the stamp pad surface is lower that the adjacent water pump which could indicate that the pad was ground down. So full deduct on the Engine Stamp Pad Surface.

By way of comparison… below is a pic of a stamp pad that that Mystery Author believes would most likely receive full credit.

SHOW-ME REGIONAL UPDATE

We have 77 registrations with 30 cars registered to date, including 19 flight and 6 PV, and its only March. We are still on track to more than double that. We will be posting periodic updates on the NCRS Technical Discussion Board so check that out now and then.

We could still use volunteers to help with staffing the trailer /secure parking lot on Friday and Saturday. This position is more about controlling access than anything strenuous or technical. If you can spare a couple hours between 8:00 AM and 6:00 PM let John Foster, Kelly Waite, or Joan Burnett know.

We also still have raffle tickets available for the $1500 DeWitt product certificate. Only 150 will be sold at $20 each for you chance to replace your radiator, expansion tank or other cooling needs with quality and *correct* DeWItt products.

1957 FI AIR CLEANER ELEMENT A56C *by Kelly Waite NCRS#27432*

I've been looking for a real air cleaner element for my '57 Fuelie for some time. I finally found one, but it was extremely dirty and in bad shape. The following photos show the condition it was in, the process I used to clean it up, and results.

Before Pics

A multi-step process was used to clean up the filter, starting with using light air pressure to blow out the dirt. Then I soaked the filter in warm water with Dawn dishwashing soap and again used light air pressure to blow it off. Next, I used a non-chlorinated brake cleaner, cleaning from the inside and then the sides cleaning in a downward motion. A bent nail was used to remove bumps.

Tools Used

I then tried using Evapo Rust to clean the wire mesh but with not much success. Scrubbing the mesh wasn't very successful either. I ended up carefully applying a light brush of Eastwood Silver Cad.

1957 FI AIR CLEANER ELEMENT A56C, *Continued…*

Comparison to Before

Comparison to NOS Filter

THE GENERAL MOTORS HERITAGE ARCHIVES, *by John Foster #30976*

The General Motors Heritage Center, located in Sterling Heights, MI, is the historical arm of the corporation and is responsible for preserving the history of GM. This includes the historical Factory One in Flint where it all began in 1886, a collection of over 600 vehicles, and the GM Heritage Archives which maintains more than 8 million photographic images, 220,000 video masters, 25,000 motion picture films and 1.5 million digital media files. The Archive includes over a quarter million unique historical documents consisting primarily of product catalogs, sales brochures, press materials, promotional records, engineering information and service information that relate to General Motors' products and services. You can learn more at: https://www.gm.com/heritage/archive.

Archieve files as shown on the Heritage Center website

If you are looking for GM reference material on your Corvette, or other GM vehicles, manufactured between 1902 and 2007, the GM Heritage Center Archives is an excellent place to start. You can find it at https://www.gm.com/heritage/archive/vehicle-information-kits where you will find an on-line library of more than 900 historical "Vehicle Information Kits" containing a plethora of information on specific vehicles. You can search by entering a vehicle or clicking on a list of vehicles by year, make and model.

The information in these kits include scans of engineering specs, vehicle option and specification brochures, and the AMA Specification Sheets that manufacturers widely submitted to the Automobile Manufacturers Association on most vehicles manufactured in the latter half of the 20th Century. These AMA Specifications Sheets were very detailed and ran from 10-30 pages.

Checking out a couple of Corvettes in the Archive's Vehicle Information Kits, I found only the 25-page AMA Spec sheets for the 1953, but for the 1966 Corvette, I found 105 scanned pages from original documents, including the 25-page AMA Spec sheet. Both examples appeared to be scans made from old microfilm of original documents. Although the information is generally available through many other sources, the General has preserved it in its Archives and some of the details were very interesting.

The GM Archive is also home to GM's collection of vehicle build documentation, dealer invoices and/or build sheets. The collection covers almost all cars & trucks beginning with the 1977 model year. For a $50 fee, dealer invoices for all GM models, and build sheets for Cadillacs, can be requested by email at vehicleinvoice@gmmediaarchive.com, by calling 1-734-261-5086, or by completing the archive request form at https://www.gm.com/heritage/archive/archive-form. Too bad they don't have the same information for all years.

HOW TO CHANGE THE FUEL TANK, C2 CORVETTE *by Tom Dingman NCRS#4889*

MS Word took a shot at this, making an "AI ARTICLE". IT WAS LATER ENHANCED BY A HUMAN NAMED TOM DINGMAN (NCRS 4889). EVERYTHING "ALL CAPS" WAS ADDED BY ME TO SUPPLEMENT OR CORRECT THE AI "COMPUTER GENERATED" VERSION. All the lower-case words WERE SUPPLIED BY AI*. IN OTHER WORDS, THE BASIC FORMAT AND OUTLINE OF THIS ARTICLE WAS WRTITEN FOR ME BY AN AI TOOL* CALLED CO-PILOT. IT STARTED WITH THIS INTRODUCTION:

Changing the fuel tank in a 1965 Corvette can be a rewarding experience for car enthusiasts who enjoy working on classic vehicles. This guide will walk you through the process, providing detailed instructions to ensure a successful replacement.

Tools and Materials Needed - NOTE MY ADDITIONS IN UPPER CASE COMMENTS.

- Jack and jack stands NOT A REQUIREMENT, BUT A LIFT IS HELPFUL.
- Screwdriver set NOT A REQUIREMENT, BUT I DID USE ONE TO PRY LOOSE THE PLASTIC DRAIN CONNECTOR, TO REMOVE THE VENT HOSE UP TOP.
- Fuel line disconnect tool I USED A PLIERS TO OPEN THE FUEL LINE HOSE SPRING CLAMP.
- Drain pan USE A BIG ONE – IT IS HARD TO SEE HOW MUCH GAS YOU HAVE LEFT IN THE TANK!
- New fuel tank ABSOLUTE REQUIREMENT, IMO – GET "QUANTA" ONLY.
- New fuel tank straps. NOT AN ABSOLUTE REQUIREMENT. IF YOU DO BUY NEW, PREBEND THEM TO THE SHAPE OF THE NEW TANK.
- New fuel sending unit (optional).
- Safety gloves and goggles (FOR SURE, AND A "HEADLAMP" HELPS TOO.)

Preparation (AI heading.)

Safety First

Before starting, ensure the car is in a well-ventilated area and wear safety gloves and goggles. Disconnect the battery to prevent any accidental sparks.

STEP X0**,** REVIEW THE SERVICE MANUAL (NOT COVERED BY AI.)

R-F-M MEANS "READ FIRST the MANUAL", OR "READ FREAKING MANUAL". ANOTHER VERSION OF THIS IS "READ F'ING MANUAL". AFTER A FALSE START, I USED MY 1963 CORVETTE SERVICE MANUAL TO LEARN THAT THE FILLER NECK HAS TO BE REMOVED FIRST. THIS IS REQUIRED IF WORKING ON A C2 COUPE; ALSO RECOMMENDED IF A CONVERTIBLE.

NOTE: THE 1965 GM SERVICE MANUAL IS ONLY A SUPPLEMENT, SO I LOOKED BACK TO 1963.

TAKEN ALONE, THE FILLER NECK REMOVAL WOULD MAKE FOR A SEPARATE ARTICLE. ON YOUTUBE, I WATCHED A GUY REMOVE THE TANK FROM HIS MOTHER'S YELLOW C2 CONVERTIBLE. https://www.youtube.com/watch?v=NzL9oV98nec&t=8sm HOWEVER, INSTEAD OF REMOVING, OR EVEN MENTIONING THE FILLER NECK, THE YOUTUBE GUY LEFT THE IT ON. THE CONVERTIBLE NECK IS SHORTER, BUT STILL, IT SHOULD COME OFF FIRST. MR. YOUTUBE PULLED MOM'S C2 TANK DOWN WITH A CROW-BAR, AS THE FILLER NECK SCRAPED AGAINST THE CORVETTE UNDERBODY.

HOW TO CHANGE THE FUEL TANK, C2 CORVETTE, *Continued…*

Draining the Fuel Tank (AI heading.)
1. Lift the rear end of the Corvette using a jack and secure it on jack stands. (LIFT THE WHOLE VEHICLE TO KEEP IT LEVEL, OR BE HAPPY WITH THE USE OF A CREEPER.)
2. Place a drain pan underneath the fuel tank. A BIG ONE – IT IS HARD TO SEE HOW MUCH GAS YOU HAVE LEFT. PLAN ON DOUBLE THE CAPACITY YOU THINK YOU NEED.
3. Locate the fuel tank drain plug and remove it using a wrench. Allow all the fuel to drain into the pan.
SADLY, THE 1965 CORVETTE HAS NO SUCH DRAIN PLUG. PLEASE READ MY COMMENT BELOW ABOUT THE RUBBER HOSE CONNECTIONS.

Removing the Old Fuel Tank (AI heading.)

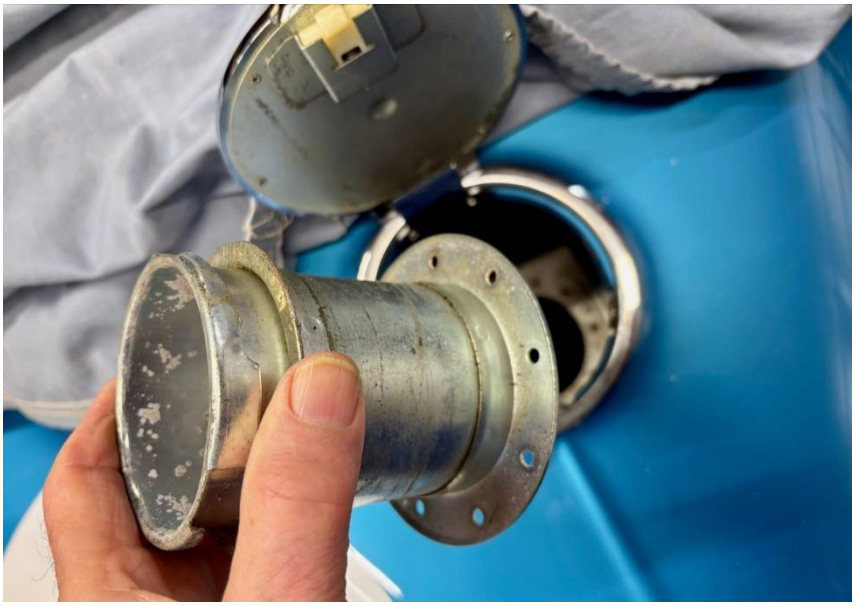
STEP X1, NOT COVERED BY AI, BUT IN THE 1963 GM SERVICE MANUAL.
REMOVE THE SPARE TIRE AND REMOVE THE SPARE TIRE CARRIER.

STEP X2, NOT COVERED BY AI, BUT IN THE 1963 GM SERVICE MANUAL.
REMOVE RUBBER SEAL AND THE FILLER NECK: THIS PART OF THE JOB WAS MISSED BY THE AI PROGRAM AND MISSED BY THE GUY ON YOU-TUBE. THIS "UP TOP" JOB NEEDS TO BE DONE AFTER DRAINING THE FUEL AND BEFORE UNBOLTING UNDER THE TANK.

DISCONNECT THE OVERFLOW HOSE FROM THE RUBBER BOOT/SEAL UP TOP. PULL OR PRY THE HOSE FROM THE PLASTIC CONNECTOR AT THE BOOT OPENING.

EASE THE RUBBER BOOT OVER THE EDGES OF THE FILLER NECK, AND REMOVE IT.

USING A LONG EXTENSION AND A THIN ¼" SOCKET, REMOVE EACH OF THE BOLTS THAT HOLD THE FILLER NECT TO THE TANK. I USED A MAGNET TO PULL EACH BOLT AWAY, AS SOON AS IT WAS LOOSE. IF RUSTED LIKE MINE, DISCARD THOSE TINY BOLTS, BUT NOTICE THE O-RINGS ON EACH BOLT.



PULL THE FILLER NECK OUT THE OPENING IN THE TOP REAR OF THE BODY. INSPECT IT FOR RUST. IT MIGHT NEED TO BE REPLACED OR REPLATED INSIDE.

STEP X3, NOT COVERED BY AI, "NA" IF YOU HAVE SIDE EXHAUST.
REMOVE THE U-BOLT ATTACHEMENTS AT THE REAR OF THE EXHAUST SYSTEM.

REMOVE THE TAIL PIPE EXTENSIONS AND HANGERS AT THE REAR.

REMOVE BOTH MUFFLERS.

HOW TO CHANGE THE FUEL TANK, C2 CORVETTE, *Continued…*

THIS MIGHT MEAN “DISCONNECT UNDER THE MIDDLE OF THE CAR”, SHOULD YOUR MUFFLERS BE WELDED (LIKE THEY WERE IN THE FACTORY).

Disconnecting Fuel Lines (AI heading.)
1. Use a fuel line disconnect tool to detach the fuel lines from the tank. I DISCONNECTED THE FUEL LINE HOSE AT THE SENDER. HOWEVER, IT IS BEST TO DO THAT NEAR THE TUBE THAT EXTENDS TO THE FRONT OF THE CAR. THAT WAY, YOU CAN USE THE FOOT LONG RUBBER HOSE TO DIRECT THE FUEL INTO YOUR DRAIN PAN.
2. Be cautious as some fuel may still be in the lines; have a rag ready to catch any spills. A TOWEL WAS MUCH BETTER THAN SIMPLY A RAG...

Removing Fuel Tank Straps (AI heading.)
1. Locate the fuel tank straps holding the tank in place.
2. Use a wrench to remove the bolts securing the straps. UNBOLT THE TWO STRAPS WHERE THE FRONT PART OF THE STRAP IS ATTACHED TO THE REMOVABLE CROSSMEMBER (NOTE: THIS IS STEP SIX IN THE 1963 CORVETTE SERVICE MANUAL.)

NOTE MY “TIE STRAP” HOLDING THE TANK SUPPORT STRAP AWAY FROM THE TANK:

USE A SOCKET FOR 9/16” NUTS. CO-PILOT AI MISSED THE FACT THAT YOU HAVE TO ALSO REMOVE A CROSS MEMBER THAT SUPPORTS THE TANK. THAT’S FOUR ADDITIONAL NUTS AND WASHERS.

3. Support the tank with a jack or an assistant as you carefully lower it from the vehicle.
YEA, AT FIRST IT DIDN’T DROP DOWN FOR ME. I GOT THIS FAR AND THEN READ THE SERVICE MANUAL. I REPLACED THE CROSS MEMBER AND LOWERED THE CAR LIFT FOR WORK ON THE FILLER NECK. WITHOUT THE FILLER NECK, LOWERING THE TANK WAS EASY.
RECYCLE OR PROPERLY DISCARD THE FUEL FROM THE TAN
K. RECYCLE THE OLD TANK.

HOW TO CHANGE THE FUEL TANK, C2 CORVETTE, *Continued…*

INSTALLATION, COVERED BY AI BELOW, AND HERE BY GM.

CHANGE OF FORMAT: AT THIS POINT, I AM GOING TO COPY FROM THE SERVICE MANUAL, AND NOT MIX THAT WITH THE AI VERSION. READ ON…

FOR THE 20 GALLON TANK; THIS SECTION WAS ALSO WRITTEN BY HUMANS, LONG AGO, FOR THE 1963 SERVICE MANUAL.
NOTE: PLACE FUEL HOSE AND WIRES TO ONE SIDE AND … POSITION ANTI-SQUEAK PADS TO THE CROSSMEMBER, CEMENTED TO THE CROSS MEMBER AND THE TANK.

1. HOOK THE TWO STRAPS AT THE REAR CROSS MEMBER; MAKE SURE THE ANTI-SQUEAK PADS ARE POSITIONED BETWEEN THE TANK AND THE TWO CROSS MEMBERS. (THE REMOVABLE ONE AND THE REAR-MOST CROSS MEMBER.)
2. SLOWLY ROTATE THE TANK INTO POSITION. NOTE: AERO COUPE – INSTALL THE FILLER NECK AFTER THE TANK IS IN POSTION.
3. ATTACH THE TANK SUPPORT (CROSS MEMBER) AT THE FRAME RAILS. (BOLT HEADS INSIDE THE FRAME.)
4. ATTACH STRAPS AT THE FRONT OF THE TANK, AND TO THE TANK SUPPORT. ATTACH THE STRAP GUIDE, THE BOLT AND NUT, THEN SECURE WITH THE NUT AN LOCKWASHER ASSEMBLY. (IN ADDITION TO MY PHOTOS ABOVE, YOU MIGHT WANT TO SEE THE AIM TO UNDERSTAND THE EXTRA NUTS HERE. THIS FROM THE AUTHOR.)
5. CONNECT THE FILLER NECK, THE BOOT AND DRAIN HOSE AROUND FILLER NECK.
6. CONNECT THE FUEL PICK UP LINE, GROUND WIRE, AND MAKE SURE THE FUEL DRAIN LINE IS FLUSH OR ¼” INBOARD OF THE REAR BUMPER OPENING.
7. ATTACH FUEL METER WIRES, SEE FIGURE 9. (IT’S IN SECTION 8-4 OF THE FUEL TANK AND EXHAUST CHAPTER OF THE 1963 SERVICE MANUAL. THIS FROM THE AUTHOR.)
8. REPLACE FUEL IN TANK, REPLACE GAS CAP.
9. CHECK FOR LEAKS.
10. RECONNECT THE EXHAUST SYSTEM BY REVERSING THE REMOVAL PROCEDURE.
11. INSTALL SPARE TIRE CARRIER BY SECURING THE BOLT ATTACHEMENTS.
12. INSTALL SPARE TIRE IN THE CARRIER.

THE NEXT SECTION, IN THE 1963 SERVICE MANUAL, DEALS WITH THE 36 GALLON TANK.

FOOTNOTE 1, FROM THE AUTHOR, TD: HERE IS A RELATED 1971 (C3) TANK INSTALLATION VIDEO ON YOUTUBE.
https://www.youtube.com/watch?v=VuckhFYyiqM

FOOTNOTE 2, HERE IS THE ABOVE MENTIONED 1967 (C2) TANK INSTALLATION VIDEO ON YOUTUBE.
https://www.youtube.com/watch?v=NzL9oV98nec&t=8s

HOW TO CHANGE THE FUEL TANK, C2 CORVETTE, *Continued…*

FINALLY, WHAT FOLLOWS IS THE COMPUTER-GENERATED INSTALLATION SECTION; THE AI WORDS in lower case. YOU ARE NOT REQUIRED TO READ. I did find it interesting, and hope you did as well.
FROM TOM DINGMAN (810) 338 0307 CELL.

Installing the New Fuel Tank (AI heading.)

Preparing the New Tank

1. Inspect the new fuel tank for any damage.
2. If desired, install a new fuel sending unit onto the tank.

Securing the Fuel Tank (AI heading.)

1. Position the new fuel tank under the vehicle.
2. Lift the tank into place and secure it with the new fuel tank straps.
3. Tighten the bolts with a wrench to ensure the tank is firmly held in place.

Reconnecting Fuel Lines (AI heading.)

1. Attach the fuel lines to the new tank using the fuel line disconnect tool.
2. Ensure all connections are tight to prevent leaks.

Final Steps (AI heading.)

Refilling the Fuel Tank

1. Reinstall the fuel tank drain plug and ensure it is tight. (NO DRAIN PLUG EXISTS.)
2. Lower the car from the jack stands.
3. Reconnect the battery.
4. Fill the new fuel tank with gasoline. (PARTIALLY FILL)

Testing for Leaks (AI heading.)

1. Start the engine and let it run for a few minutes.
2. Check for any signs of fuel leaks around the tank and fuel lines.
3. If any leaks are found, turn off the engine and tighten the connections.

Conclusion (AI heading.)

Changing the fuel tank in a 1965 Corvette requires careful attention to detail and adherence to safety precautions. By following this step-by-step guide, you can successfully replace the fuel tank and ensure your classic car continues to perform at its best.
Enjoy the satisfaction of maintaining your Corvette and preserving its legacy on the road.

CLASSIFIEDS from Our Members

Chapter members are invited to place classified ads at no cost. Advertisements may be a description of vehicles or parts wanted or for sale, information wanted, services offered, or a business card. The NCRS St. Louis Chapter reserves the right to refuse advertisements deemed to be inappropriate, offensive, or inflammatory.

Midwest Corvette Gauge & Clock Restoration
Specializing in C1 - C2 - & C3 Corvettes
Randy Howard - Cell # 314-960-7949
3004 Collington Ct. - St. Louis ,Mo. 63129
Email Corvettegauge@Yahoo.Com

Sally Waite
GRI, ABR, AHWD, GRN
Realtor
Cell: (636) 284-0501
Sallywaite@att.net
www.barryupchurchrealty.com
173 Long Road, Suite 108, Chesterfield, MO 63005
BARRY UPCHURCH REALTY

I BUY 1953-1982 CORVETTES & PARTS
CORVETTE CONSULTING SERVICES
CONNECTING BUYERS & SELLERS
OF NEW & OLD CORVETTES & CLASSICS
Denny Marshall, JR.
(314) 458-8019
DCORVETTEKID@GMAIL.COM

Headlight Motors
H: 618-656-5398
C: 618-803-8554
BILL NAEGER
106 N. Charles St.
Edwardsville, IL 62025
billandjeanene@att.net

Sig's Automotive
Corvette Specialists
14 Elaine Drive
O'Fallon, MO 63366
www.sigsauto.com
636.272.1110
COMPLETE AUTO SERVICE • TOWING • STATE INSPECTIONS

FOUNDATION NCRS MEMBER
NCRS
Joan Burnett
NCRS Foundation Chair
250 West Hwy U
Troy, MO 63379
Phone: 636-462-4401
Email: joanieburnett@gmail.com

Services
Convertible top installation on 1963 to 1975 corvettes
Convertible top frame restoration also available.
Restored top frames available for exchange or sale.
Contact Dave Buescher 618 772 8641

CLASSIFIEDS, *Continued*…

Services
Water pump rebuild service. Rebuild your pump with new seals, bearings / shaft and impeller.
Stocking parts for short shaft small block and big block Chevy pumps. Quick 1 day turn around.
Dave Buescher 618 772 8641

For Sale
Restored 1965 1966 Corvette Telescopic steering column.
Includes new turn signal switch and lever, new chrome lock ring and horn button.
Also includes steering wheel hub. $1650 outright, may consider other columns on trade-in.
Call or text Dave Buescher 618-772-8641

For Sale
1978 Corvette Indy Pace Car model, very clean, only 21,399 miles.
Contact Kelly Waite 636-284-0500

For Sale
1966 Corvette Wheel Covers. Nice Condition. $99 each.
Contact Tom Dingman 810-338-0307

EDITOR'S NOTE ABOUT ARTICLES

The St. Louis Chapter is always seeking articles for *The Legend*. As you can see from the articles above, we welcome all types of articles, from great stories about Corvettes and their owners to technical articles that share your experience and insight.

Articles need not be long and photographs definitely are worth a thousand words. I am always willing to assist you in assembling the material or editing your draft.

Have you ever wondered where the articles in *The Restorer* Magazine come from? Every issue of The Legend is shared with the newsletter editors of every NCRS Chapter, as well as the Executive Board of the NCRS. Vinnie Peters, Editor of *The Restorer* reads every Chapter newsletter and when he sees and article that he believes must be shared with the entire NCRS membership, he seeks permission to reprint the article in a future issue of *The Restorer*.

So… if you have a great Corvette story to share, or you are laboring over a restoration project, large or small, make some notes and snap some photographs. Your story is probably interesting to others and that project you are working on might just be one that members need help with.

EDITOR'S FINE PRINT

Membership in the NCRS is open to persons interested in the restoration, preservation, and history of the Corvette produced by the Chevrolet Motor Division of General Motors. NCRS is not affiliated with Chevrolet or General Motors.

Permission is hereby granted to all NCRS Chapter newsletters to reproduce any original material contained herein; as long as any article is reproduced in its entirety and the author and source are credited.

NCRS registered trademarks: NCRS Founders Award®, NCRS Master Judge Award®, NCRS Performance Verification Award®, NCRS Flight Award® and NCRS Sportsman Award® are registered with the United States Department of Commerce and Trademark Office.