



# INTAKE MANIFESTO

Official Publication of the Arizona Chapter, NCRS

Winter 2023 Issue



## CHAIRMAN'S MESSAGE GARRY MION

Happy New Year!

The Chapter finished off 2023 with our Annual Meeting and Holiday Party at the Gray Hawk Golf Club. The weather couldn't have been better, the setting was festive, the food was excellent, and it was great to see our members with smiles on their faces. I have to give a big thanks to Paul and Heather Morel for yet again pulling it all together. You can read more about the event [here](#).

Once again we have fulfilled our requirements to achieve a Chapter Top Flight, something we have accomplished since the program launched in 2006. Ron Coleman is the one keeping track of our progress to meeting the requirements, and I thank him for his efforts. Ron has a summary of what the Chapter accomplished for 2023 in his report [here](#).

There are a couple of changes in the Chapter Board for 2024. I'll start by saying thanks to two members who are leaving the board. Greg Magill was the Activities Chairman for the past two years. He really helped to get some social activities on our calendar by providing assistance as needed, including coordinating the road tour part of a couple of events. Thank you Greg for all your did for the Chapter. Tom McGowan was the Chapter Historian, an officer role that I don't believe has ever been filled. Tom really embraced the position by writing and posting articles of the many chapter, regional, and national events. You can view them on our Chapter website [here](#). Tom also started collecting and storing event photos for archival purposes, which included spending a good deal of time embedding meta-data into each photo. All this will help ensure the history of the Chapter is not lost. Thank you Tom for your passion and dedication these past two years in helping the Chapter retain its historical identity.

We had a call for nominations this past quarter for the Chairman and Membership officer positions. As there were no new nominations, both myself and David Peterson will retain our current officer positions for two more years. As for vacant officer positions, Chris Gazzano will be the role of Activities Chairman, and Patrick Garland will become the Assistant Judging Chairman (see below). The Board will continue to look for Chapter members to fill the officer positions of Historian and Newsletter Editor. Perhaps that member is you!

After a long absence, there is now a way to order Arizona Chapter Logo Apparel. Read all about it by going [here](#).

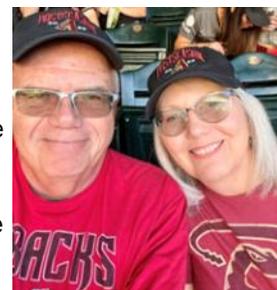
It will be a busy start to the new year. Please look over the 2024 Calendar for the latest event and dates. On the calendar page is also important information regarding the February 3rd Concours in the Hills.

## WELCOME NEW OFFICERS GARRY MION

I am pleased to report that Pat Garland and Chris Gazzano recently accepted the roles of Assistant Judging Chairman and Activities Chairman, respectively. Pat will bring much welcome support to Gary Craig. Chris will be filling the role previously held by Greg Magill, and will help expand and assist with Chapter activities across our judging, technical, social, and charitable events. I ask that you provide them with your support where possible. By way of introduction please review their bio's below.

### Patrick Garland

I'm Patrick Garland, the Assistant Judging Chairman. Together with my wife Joyce, I live in Oro Valley, AZ and I've been a member of NCRS since 2018 and excited to be part of the Corvette movement. I'm also the Judging Chairman for the Southern AZ Chapter. It's great to tap into the years of experience that our membership has on corvette history and judging. My collection includes - a '68 L89, 1996 Grand Sport, 1994 ZR-1 and a 2020 C8. This March, I will be attending the National Judging School in Dallas to further hone my judging skills and to meet other members from around the country. I'm looking forward to meeting you at the next chapter judging event.



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### Chris Gazzano

I have been a NCRS member since 2011, ever since my wife Angela and I moved from New Jersey to Scottsdale, Arizona. That year I purchased a 1971 big block roadster that we still own. I was an executive in the Healthcare industry for most of my working career.

Looking back, I was a young owner, age 17, of a 1959 Corvette. I still sigh when looking at a picture of it.

All-in-all I have owned five Corvettes, and as if that wasn't enough I am planning on picking up (in California) a 1970 LT1 Duntov roadster early in January.



**2024 AZ Chapter Board**

**Chairman**  
**Newsletter Editor**  
*Garry Mion*

**Vice Chairman**  
*Ron Coleman*

**Judging Chairman**  
*Gary Craig*

**Treasurer**  
*Paul Morel*

**Membership**  
*David Peterson*

**Secretary**  
*Brad Vigesaa*

**Webmaster**  
*Loren Peterson*

**Assistant Judging Chairman**  
*Pat Garland*

**Activities Chairman**  
*Chris Gazzano*

NCRS (National Corvette Restorers Society) is a national organization open to all persons interested in the restoration, preservation, history, and enjoyment of Corvettes produced by the Chevrolet Motor Division of the General Motors Corporation. NCRS is not affiliated with Chevrolet or General Motors.

Membership in the Arizona Chapter of the NCRS is open to all members of the NCRS National Organization. Dues are \$36 per year. For membership information, please visit our website at [www.arizonancrs.com](http://www.arizonancrs.com).

NCRS registered marks used in the *Intake Manifesto* are NCRS Founders Award®, NCRS Master Judge Award®, NCRS Performance Verification Award®, NCRS Flight Award®, NCRS American Heritage Award<sup>SM</sup>, and NCRS Sportsman Award®. All are registered with the United States Department of Commerce and Trademark Office.

The Arizona Chapter is proudly sponsored by the following businesses. We appreciate all that they do in support of our Chapter. Please Support Them!



# 2024 SCHEDULE OF EVENTS

Date	Activity & Registration/Contact Information
January 13	Chapter Tech Session—Vintage Corvette Ignition Systems Mesa, AZ <a href="#">Event Info</a>
January 18-20	Florida 45th Winter Regional American Muscle Car Museum Melbourne, FL <a href="#">Registration</a>
January 20-28	Barrett-Jackson Auction Scottsdale, AZ <a href="#">Event Info</a>
February 3	10th Annual Concours In the Hills Fountain Hills <a href="#">Event Info Below</a>
February 17	1pt Chapter Judging School - C1 Exterior/Interior Judging Gilbert, AZ <a href="#">Event Info</a>
February 17	Southern California Chapter 3pt Judging Meet Laguna Hills, CA <a href="#">Registration</a>
March 14-17	National Judging Retreat Dallas, TX <a href="#">Registration</a>
March 22-23	Arizona Chapter 3-pt Judging Meet Cascio Motors, Scottsdale, AZ <a href="#">Event Info</a>
April 5-6	Southern Arizona 5-pt Chapter Judging Meet Tucson, AZ <a href="#">Registration</a>
April TBD	Chapter Driver/Social
April 11-13	Las Vegas Regional Las Vegas, NV Gold Coast Casino <a href="#">Registration</a>
May 2-4	Heartland Regional Cedar Rapids, Iowa <a href="#">Registration</a>
May TBD	Chapter Tech Session
May 30-June 1	New England Regional Marlborough, Massachusetts <a href="#">Registration</a>
June TBD	Chapter Judging School
July TBD	Chapter Judging School
August 4-8	2024 National Convention Hampton Roads, VA <a href="#">Registration</a> opens Feb 1st
October 24-26	Texas Regional Frisco, TX
November TBD	Chapter 5pt Judging Meet Streetside Classics Mesa, AZ
December TBD	Annual Meeting and Holiday Party Looking for someone to help plan

*The above list of events are subject to change. Visit the [Chapter](#) & [National](#) Websites for latest details*

## CONCOURS IN THE HILLS

The Chapter will again be participating in this charity event in support of the Phoenix Children Foundation. Chapter Member Scott Sandler is helping to coordinate our participation. If you plan to attend, you must register first by going [here](#). There are currently 395 spots open, so don't delay. Once you have registered, please contact Scott at [sandlerphoto@cox.net](mailto:sandlerphoto@cox.net) so he can include you in his plans for a meeting place the morning of the event which will help facilitate the group parking together.

The Chapter's attendance at the event helps fulfill two Chapter Top Flight requirements for 2024. I hope you will consider attending.



# GET INVOLVED!

THROUGHOUT THE YEAR THE CLUB IS LOOKING TO HOLD TECHNICAL AND SOCIAL ACTIVITIES IN ADDITION TO OUR TRADITIONAL JUDGING ACTIVITIES. IF YOU HAVE AN IDEA YOU THINK OTHER MEMBERS OF THE CLUB WOULD BE INTERESTED IN, PLEASE CONTACT [CHRIS GAZZANO](#) TO DISCUSS IT.

**VICE CHAIRMAN'S MESSAGE** RON COLEMAN



First, Denise and I wish every member a very happy and prosperous 2024. Moving forward, I want to remind everyone that we will continue to highlight member cars in future newsletters. Whether your car is original, fully restored or in the process of restoration, I encourage you to share information about your car. Just send me a brief description of your car and its story, along with 2-3 pictures, and I'll take care of writing the article. You can send them to vicechairman@arizonancrs.com.

A big thank you to the members who participated and supported the chapter in 2023. The new year is shaping up to be just as busy, plus planning for the 2025 Regional Meet being held in Glendale is now underway with a committee of nine members! As part of this effort, we will be looking for sponsors and vendors to participate, so if you know of a company or individual who would like to contribute please reach out to me. The table below summarizes our Chapter Flight Program results for 2023. To achieve a Chapter Top Flight award, all of the required activities much be met, and six of the nine variable activities must be met.

REQUIRED ACTIVITIES	Q1	Q2	Q3	Q4	Summary 2023	2022	Annual Requirement
Chapter Judging Meet	1			1	2	2	1
Chapter Technical Seminar	1				1	2	1
Chapter Judging School	1	1	1	1	4	3	1
Chapter Membership Meeting	1	1	1	1	4	4	1
Chapter Charitable Event	1				1	1	1
Chapter Road Tour		1		1	2	2	1
Chapter Social Event				1	1	1	1
VARIABLE ACTIVITIES	Q1	Q2	Q3	Q4	Summary 2023	2022	Annual Requirement
Cars Judged at Chapter or Regional Judging Meets	12	0	0	16	16	15	5%
	7.5%	0.0%	0.0%	10.1%	10.1%	9.4%	
Members That Judged or Tabulated at a Judging Meet	27	0	0	31	31	41	15%
	17%	0%	0%	19%	19.5%	25.8%	
Corvettes driven to events	25	29	7	11	57	42	15%
	15.7%	18.2%	4.4%	6.9%	35.8%	26.4%	
Members Attending Chapter Road Tours	0	23	0	11	23	23	5%
	0.0%	14.5%	0.0%	6.9%	14.5%	14.5%	
Members Attending at Least One Event	61	53	18	72	84	99	20%
	38%	33%	11%	45%	52.8%	62.3%	
Technical Articles Published	3	4	4	2	13	8	8
Set up FACEBOOK Page and Post at Least One Video of a Chapter Event	0	0	0	0	0	0	1
Official Participation in Non-NCRS Car Events	1	0	0	0	1	1	1
Charitable Donations	\$0.00	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	\$100.00

Remember also to continue sharing your passion for these cars by bringing your spouses and friends as often as you can.  
Happy New Year, and happy motoring!

**WEBMASTER REPORT** LOREN PETERSON



It's the beginning of the year and it appears we are tuned up for 2024. We have some new blood for 2024. In the next few days, we will have some changes on the website for Chris Gazzano as the new Activities Chairman and Pat Garland will be in a new role - Assistant Judging Chairman. If you want to learn more, go to the website: <https://www.arizonancrs.com/> or email me at webmaster@arizonancrs.com

The website also has all the newsletters (since the Summer of 2018), which contain more information than anyone can remember. Check it out.

## JUDGING CHAIRMAN REPORT GARY CRAIG



### Arizona Chapter Technical Session – January 13th

The Arizona Chapter will hold a Chapter Technical Session at Gary Craig’s garage. Topic will be How Ignition Systems Work on Vintage Corvettes. Gary will show how points/condenser and transistorized ignition systems work and some diagnostic checks that our owners can do to fix problems. This Technical Session will have many hands-on exhibits for members to touch and see. A flyer will be sent to all Chapter members for this Technical Session, please note this date on your calendar.

### Arizona Chapter Judging School – February 17th

The Arizona Chapter will hold a Chapter Judging School at Garry Mion’s garage. Topic will be C1 Exterior / Interior since Garry’s Corvette will be at a perfect point in his restoration for showing our members a C1 Exterior / Interior being restored to NCRS standards. A flyer will be sent to all Chapter members for this Judging School, please note this date on your calendar.

### Arizona 2024 Spring Chapter Meet March 22nd-23rd

The Arizona Chapter will be holding our 2024 Spring Chapter Meet at a location to be determined, most probably in the Scottsdale area. This event will be only a 3-point event like what we have done in the past (i.e., judging school on Friday later afternoon, flight judging on Saturday). Online registration will open and a flyer sent out once the location and timing is confirmed. Please mark your calendars!

### Judging Support

I welcome Patrick Garland as our Assistant Judging Chairman for the Arizona Chapter. With my new position as 70-72 National Team Leader, this assistance by Pat will be great for me and good for our chapter to have succession plans. I will remain as your Judging Chairman for the foreseeable future as long as I am doing a good job for the Chapter.

Have a wonderful Spring and hope to see you at our upcoming events.

## MEMBERSHIP REPORT DAVID PETERSON



Happy New Year! I hope the holidays have allowed every one of our members an opportunity to spend some time with those closest to you and for a little relaxation. We will be kicking things off on January 13th with a chapter meeting/tech session, at Gary Craig’s garage, to discuss the all-important and mysterious ignition systems on our vintage corvettes. We then head into auction week, beginning January 20th with the Arizona Concours d’Elegance at the Scottsdale Civic Center. One hundred of the finest automobiles, including a few of our members’ will be there. This is a can’t miss event. We have our spring judging meet March 23rd and right after that the Las Vegas Regional April 11-14. As you can see, there will be a lot happening in 2024.

As this is our last newsletter for 2023, it comes with the not-so-subtle reminder to RENEW you membership for 2024. Those that have not renewed for 2024 have received multiple emails from me, and for those that have renewed I thank you very much. But we still have some stragglers who need a little more prodding.

I know the chapter dues can be a little confusing because they don’t run on the same schedule as your National dues, but they come up for renewal at the end of every year, beginning October 1st.

If you are unsure about the status of your chapter dues you can always check by visiting the National website at [www.NCRS.org](http://www.NCRS.org), logging in and then going to the Technical Discussion Board, click My Profile, then click About Me where it will show the chapters you belong to and what year you are renewed through.

You can also email me at [membership@arizonancrs.com](mailto:membership@arizonancrs.com) and I’ll be happy to assist you. You can renew for multiple years. Unfortunately, auto renew is not a feature available at the chapter level.

Happy New Year to everyone and I hope to see you at one of the upcoming events. See you soon!

## WELCOME TO THE ARIZONA CHAPTER – NCRS

The following individuals have recently joined our chapter. If you see them at upcoming events, please make an effort to introduce yourself and say hello.

**Addison Brown**

**William Cumnard**

**Scott Leipper**

**Steve Ticknor**

## TREASURER REPORT - HOLIDAY PARTY PAUL MOREL



Club checking account \$ 7180.99 Club money market \$20,105.46 as of 12/20/23

Happy New Year!

I hope you had a great holiday season. We wrapped up 2023 with our Holiday celebration at Grayhawk Country Club. The event was for the benefit of the Phoenix Children's Hospital. It was a beautiful day with great people, tasty food and a great selection of mid-year Corvettes on the lawn for all to see. I am happy to announce that even with less lawn cars and fewer attendees, we broke last year's donation amount. This year (2023) we will donate over \$3,200 to the children's hospital on behalf of the Chapter and our members. I want to personally thank everyone that donated. You helped make this a meaningful event. I can't wait to see what we can do in 2024!

I also want to welcome Chris Gazzano to the board. I know Chris will be a great addition and I look forward to working with him.

Happy motoring!



# 2023 FALL CHAPTER JUDGING MEET GARY CRAIG

On November 3rd & 4th, the Arizona NCRS Chapter held another very successful Fall Chapter Judging Meet. We held this Chapter meet at a great location: Streetside Classics in Mesa. Thank you Nello and crew from Streetside Classics for allowing our Chapter to use your facility!

Seven great looking Corvettes were judged for Flight Judging and we had three Sportsman including Margaret's new purchase of a very low mileage 2008 Wil Cooksey Z06. We had a Venetian Red on Red 1957 Corvette owned by Mike Thompson being Flight Judged. It is nice seeing the C1 cars come out for judging. Thanks Mike for bringing out your 57 Corvette.



Next, we had a couple of very nice 1963 split window coupes owned by Larry Christensen and Craig Boiley. Jim Messmer brought out his 1965 Corvette in the Stock Concours class, a very sharp looking car. Rounding out the C2 Corvettes were two 1967s owned by Rex Weber and Ray Geiger. Completing the seven car was a 1996 Corvette owned by Doug Brown.



We had three Corvettes driven to the event for Sportsman and Dave Hill displays: a 1999 Dave Hill award recipient owned by Pete Bergmann; a 2003 driven out from California by Dana Richard; and Margaret's 2008 (pictured at right receiving award). A total of 42 members participated in the Chapter Meet.



On Friday, we had a Judging School regarding Judging Etiquette, given by Pete Bergmann and Gary Craig with very good participation from all of the members. This school was very instructive since the following day, we would be using these techniques on all seven cars. We had 21 Chapter members attend this Judging School.

We could not have had such a successful Fall Chapter Meet without our volunteers as well as the fabulous Tabulators: Cathy Bergmann, Beverly LeGate, Suellyn Bennett, Cecelia Junokas, and Margaret Craig.

And of course we couldn't have a successful Chapter Meet without all of our judging teams and team leaders: Garry Mion, David Peterson and Pete Bergmann. Thank you all for your time and efforts.



Mike Thompson  
1957 Second Flight

Jim Messmer  
1965 Concours Blue

Craig Boiley  
1963 Top Flight

Larry Christensen  
1963 Top Flight

Rex Weber  
1967 Second Flight

Ray Geiger  
1967 Top Flight

Doug Brown  
1996 Top Flight

## OCTOBER DRIVER AND LUNCH GARRY MION

Several Chapter members headed out to Payson for a combination driver and lunch social on October 14th. This event was inspired by Loren Peterson and Tom McGowan, with help from Greg Magill. Tom did a really nice writeup of the event, which you can find on our Chapter website [here](#).

For those in-around the Phoenix area, things started with a meeting at the WeKoPa Resort parking lot off of Beeline highway. From there they made their way up to The Rim Club where they met up with the Payson area folks for lunch. Looks like everyone was having a great time enjoying the venue with it greats views, and of course each others company.



## OCTOBER CCC/SCC JUDGING MEET GARRY MION

The Central and Southern California Chapters got together and held a joint two day, 5-point judging meet in El Segundo, CA at the Hilton Garden Inn. A few Arizona Chapter members were present to lend support: Pete Bergmann; Gary Craig, Paul Morel; along with Karen and myself. For Karen and I, we met with the group at the California Pizza Kitchen for lunch around noon on Friday. After that, we drove a short distance to the Zimmerman Automobile Driving Museum where we were treated to a guided tour of some unique and historic cars. The tour guide provided unique treat for Bev LeGate, who got to sit in the back of a very special car.



There were seven cars there for Flight judging, and four cars for Sportsman display. In the C1 category there was a '60 and a '62. In the C2 category there was a '64 and a '67. In the C4 category there was a '91, and in the C6 category there was a '05 and an '07. All were very nice cars with a total count of five Top Flights and two Second Flights. Congratulations to the members of the Southern and Central Cal Chapters for hosting a great meet and organizing both lunch and dinner on Friday.



**TEXAS REGIONAL** GARRY MION

There are a few things that are predictable in October: Most stores look like Christmas is just around the corner; Kids will soon be knocking at your front door expecting you to hand them candy; Frisco, Tx will once again be hosting a Regional. (Yikes, if Karen reads this I should probably say something about me not forgetting our anniversary). Well once again I, along with a few other Chapter members, attended the 30th annual Regional Event. The turnout was good as seen from the picture below. The weather was cooperative, meaning there was no rain and very mild temperatures—a plus for anyone attempting a PV.



I was selected to judge C6 on Friday, and '61-'62 on Saturday. It was a pleasure to do both, one I'm least familiar with and one I'm most familiar with respectively. I expect that future Regionals and Nationals will see many more C6s coming out, and that will be a good thing. If anyone has been hesitant to judge at all, I would highly recommend you look into the C6 class as an entry point, especially if you happen to be driving one and it might be judged in the future, or had owned one in the past. Gotta start somewhere!

One major highlight of the event was that Garry Eastwood officially achieved his 100th point in his quest to obtain his Five-Star judging award, which he'll be awarded to at the 2024 Hampton Roads National Convention. Congratulations Garry!



On a somber note, this Regional was the last event for Chuck Berge as a National Team Lead, having served as one for 25 years. I'm hopeful we'll continue to see Chuck at future events. I personally would like to thank Chuck for his leadership and mentorship as a National Team Lead, and for being a good friend.



To end on a high note—how can one go to Texas and not visit a BBQ establishment. This one came highly recommended, and I tasted why. The brisket was excellent, as was their pork ribs and sides. Should you be going to the 2024 Texas Regional, give this place a try—but be hungry.

**NEW PRODUCT HIGHLIGHT—VAPOR TRAPPER** RON COLEMAN

Does your vehicle constantly smell like raw gas? Do you hate keeping it in the garage because it makes the whole garage and house smell like gas? You're not alone. With the trend of adding modern fuel injection to classic and vintage vehicles, manufacturers of EFI systems, fuel cells and custom builders have not been able to solve one huge problem which is the raw smell of fuel vapors. Shop48 has recently announced a solution to this growing problem by developing the Vapor Trapper.

The Vapor Trapper is a high-quality billet aluminum charcoal vapor canister specifically designed to reduce and eliminate fuel vapor odors from vehicles which have vented fuel tanks. It is the only aftermarket, universally designed, charcoal vapor canister on the market. Contrasted with using an OEM vapor canister, it is small and sleek to look good on any vehicle. It is offered in a six and eight inch version, and anodized in black or silver. Installation is simple and straightforward since it is installed in line with your fuel tank vent hose using practically any inlet/outlet configuration. It can be mounted in any location on the vehicle, the only requirement is to have the vent line rise above the highest point of the fuel.



The Vapor Trapper is manufactured using 6061 billet aluminum, and is also rechargeable, meaning the charcoal contents can be replaced when they eventually become saturated. It is made to be used on all cars, trucks, hotrods, boats and everything in between! This will be the last charcoal canister you will ever need for your vehicle!

Nothing else on the market is as high-quality and effective as the Vapor Trapper. The Vapor Trapper is proudly manufactured and assembled in the USA, right here in our home state of Arizona! For more information go to [www.Shop48.com](http://www.Shop48.com).

## GAUGE THAT DIDN'T TELL THE FULL STORY GARRY MION

This story starts out with a road trip out to Carefree to attend Corvettes and Coffee, a cruise-in held on the first Sunday of the month in front of Jimmy and Val Sheehan's patio Store. It was a normal drive out as far as I can remember, noticing nothing out of the ordinary. After having breakfast at Local Johnny's, I headed back home. At about Ray and the Loop 101, I glanced down at the dash and noticed something wasn't quite right. Well, the picture at right tells the story about what I saw.



Now, I'm traveling at about a very conservative 74mph (well—conservative relative to many other drivers). The first question I had was "did this just happen?" I should have immediately pulled over, but things didn't quite add up. Why weren't there any warning lights or messages? The engine was running fine—temperature was normal, there were no abnormal noises to be heard, no other indications that would suggest the engine had no oil pressure..

I decided to proceed on the freeway, at less speed, getting off at Arizona Ave and stopping at the Quick Stop. First thought was to check the oil level. It was a little low, but within tolerances. I purchased a quart of synthetic anyway and topped it off, but there was no change to the oil pressure gauge. What I did notice, however, was the gauge would go through its normal start procedure of reading full 80lbs, then back to zero, but then it would go up slightly and stay there—similar to what you see in the picture above. I concluded this to mean that perhaps there was at least some oil pressure present. I sat in the car and decided to do some web searches to see if this problem may have been seen by others. Well, it has, and in a significant majority of the situations it was not a failure of the oil pump, but rather the oil pressure sensor. I concluded that this was most likely my problem, and proceeded to drive home without incident.

That afternoon I did more research, and ordered a new oil pressure sensor that would be delivered in two days. That would give me enough time to figure out how to actually go about replacing it. A few YouTube searches later, I was looking at something that ranged from [removing](#) the entire intake manifold, to [cutting a hole](#) in the firewall just under the wiper valley cover (turns out this process is likely only good for C5s). The arrow in the picture at right shows the location of the oil pressure switch.



Once the part arrived I began the process of possibly having to remove the entire intake, but about a quarter of the way into it I began to think that with the right socket, I might only have to go as far as removing the fuel rails and intake cover to have just enough access to get to the sensor—which happened to be the case.



Removing the fuel rails is not hard, just time consuming as I wanted to make sure I didn't ruin any sealing O-rings along the way (original to the car, now at 177K miles). I also didn't want to get gas all over the place, so I spent time stuffing paper towels around the fuel nozzles to catch what comes out of the rail. Once the fuel rail is out of the way, the black intake cover comes off and there is much more room to navigate the socket into position. I could actually see the top of the sensor and the electrical connection.



The picture below right shows the socket setup I used. The socket itself was just deep enough to ensure that it would catch the hex body of the sensor, but short enough to allow it to be slipped in and the over the sensors electrical connector.



Once the sensor was out, I was pleased to see how clean the area where the sensor sits was.



There is actually a filter that sits below the sensor, and in some of the YouTube videos I was shocked how dirty it looked. I was confident I wasn't going to need to replace mine.

When it came to putting the new sensor in, I put some tape around the hex body so it would not fall out when I tried to navigate the tight opening. I had no idea how I would have been able to fish out the sensor if it did indeed fall out. You'll notice that the sensor comes thread sealant pre-applied. A nice touch I thought. I did order an AC Delco OEM replacement. There are other vendors that provide an equivalent sensor, however.



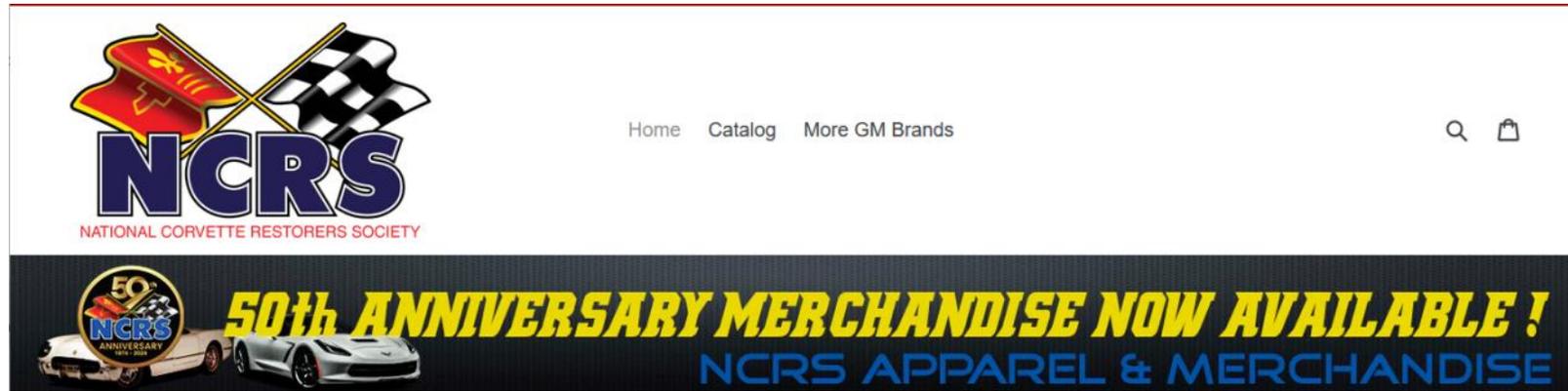
I thought for sure I was going to spend a good deal of time fighting to get the sensor threads to start properly, but it went right in on the first try. After replacing the fuel rail and fuel injector connectors, it was time to see if this indeed fixed the problem. I started the engine, and after about 15 seconds the oil pressure gauge had not moved off zero. I immediately shut the engine off. Poop. What did this mean? I started the engine again, and after about another 20 seconds the oil pressure gauge started to move, slowly at first, but ultimately it reached a normal operating pressure. Phew! The '08 will continue to see more miles.



## ARIZONA CHAPTER APPAREL STORE BRAD VIGESAA

As a member of the NCRS Arizona Chapter and being a Corvette enthusiast, it has been a long time since we have been able to purchase Chapter apparel outside of regional events. Well, you will be happy to hear that there is now an online store where you can buy high-quality branded apparel with Arizona Chapter NCRS logo and name.

The store is part of the [NCRS Apparel & Merchandise](#) store, which is the official source of clothing and accessories for the National Corvette Restorers Society (NCRS). The online store offers a wide range of products, such as t-shirts, hoodies, hats, jackets, and more—all featuring the NCRS logo and various Corvette models.



The Arizona Chapter NCRS Apparel store is a special section of the NCRS Apparel online store, where you can find products that are exclusive to the chapter. You can get there by selecting Catalog, and then scrolling down till you see the link at right. You'll then be at the order page shown below.



You can choose from different colors, sizes, and designs, and customize your order with your name, event, or other details.

The Arizona Chapter NCRS Apparel store is a great way to show your loyalty and appreciation for the chapter, which is one of the most active and successful chapters in the NCRS. The chapter organizes and participates in many events throughout the year, such as judging meets, road tours, technical sessions, social gatherings, and charity drives.

The Arizona Chapter NCRS Apparel store is also a way to support the NCRS, a non-profit organization that is dedicated to the preservation, restoration, and enjoyment of Corvettes. By buying from the store, you are helping the NCRS to continue its mission and activities, such as judging, education, publications, and events.



NCRS ARIZONA Cotton LONG SLEEVE T-shirt (full logo printed on front)  
\$25.99



NCRS ARIZONA, CHAPTER Cotton T-shirt (full logo printed on front)  
\$21.99



NCRS ARIZONA Soft Shell Lightweight Jacket  
\$59.99



NCRS ARIZONA Cotton Blend Pique Polo  
\$36.99



NCRS ARIZONA HOODIE  
\$37.99



NCRS ARIZONA, Sweatshirt (PRINTED)  
\$35.99



NCRS ARIZONA CHAPTER Garage Banner  
\$39.99



NCRS ARIZONA CHAPTER Adjustable Cap  
\$22.99

Take a peak by going [here](#) to browse through the collection of products that are currently available. You will find something that suits your style and budget, and you will be amazed by the quality and service. The store will expand over time as we work with the vendor on additional variations—including 40th Anniversary apparel.

Visit the Arizona Chapter NCRS Apparel store today and order your favorite items. You will be jumping for joy too.



**ARIZONA CHAPTER**

