



Heart of Ohio Chapter

Newsletter

Volume 7 issue 2

The Front End

Second Quarter 2010

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Chairman's Message

Greetings,

As I write this the snow is beginning to melt and we are all thinking spring. This Saturday March 13th was our first membership meeting at our new sponsor Coughlin Chevrolet. By the time you read this that event will be history. I am encouraged by what a relationship with a great group of guys like John and Terry at Coughlin can do for our chapter. They have agreed to host our Chapter meet August 15th by providing the use of their service area for judging. If you have never judged before, a chapter meet is a great opportunity to learn the process in a low stress environment. I promise you will have a great time and learn more about your Corvette.

I recently had the opportunity to tour the Dewitt Radiator facility in Michigan and wanted to share my experience. I have had a Dewitt radiator in my car since 2005 and it began to leak late last summer. I contacted them and they told me to return it, no questions asked, and they would repair it and send it back. Since a business meeting had me in the area, I asked if I could drop it off at their site. During this visit I met John, who gave me a tour of the facility and provided the kind of customer service you do not see very often these days. If you have similar positive experiences with a vendor please send in your thoughts to Herb Harlton and to Terry Buchanan. We will compile a list of folks who provide superior automotive related products and service to share with the group via the web site and newsletter.

OK, no more endorsements. We have a great line up of events this summer with something for everyone. I have already mentioned the Chapter Meet in August. In addition we have a Tech Session at my shop April 17th, a tour to The Ed Foss Collection April 24th, Buds Chevrolet

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Cruse In May 8th, the McDorman regional in September and best of all the picnic September 26th. If you have any ideas for an event please let me know. It can be anything from a tour to the national convention, to a cruise for ice cream on a Saturday night. Let's keep in mind the Corvettes we collect are meant to be driven so let's do that.

If you have not had the opportunity to visit our new web site I urge you to take a few minutes to check it out. Terry has done a great job putting it together and keeping it updated. If you have anything to sell or are looking for a part, we have an app for that. (sorry) The web site also has a complete up to date list of all our events as well as events hosted by the other local chapters. The web site is one of the benefits of belonging to the Heart of Ohio chapter so feel free to take advantage of it.

In closing please show your support by participating in as many club events as you can. I enjoy the time I spend with the group mainly because you are such a great bunch of folks. The



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fellowship is the real spirit of the club. If you have technical questions this is a great place to ask. We have a wealth of knowledge in the group and are all willing to share our experience.

Hope to see you soon!

P Yasher

Heart of Ohio Chapter

Chairman

Restoration Station Club Visit

By Herb Harlton

On Saturday February 13th a group of 12 club members visited Restoration Station in Springboro, Ohio (Springboro is just south of Dayton, about 90 miles from Columbus). As its name implies, Restoration Station is a small shop that restores early model Corvettes. Our host and presenter for the visit was Jeff Bernhardt, the shop's owner. (Jeff is pictured far left below.)



Jeff's shop had three C-2's in the process of frame-off restorations. Two were A.O. Smith bodies and the third was a St. Louis body. The St. Louis car was on a rotisserie and all the body details were very easily viewed. The two A.O. Smith cars were on lifts. Jeff pointed out the

many difference between the bodies, most of them very subtle.



Other topics discussed were the proper restoration of fiberglass and paint, especially the techniques used to match factory paint color and application quality. Also discussed was the difficulty of sourcing accurate replacement fiberglass panels and the amount of work needed to make many of these parts identical to what the factory produced. Another topic was the change in the color of the raw fiberglass sometime during production.

Also in the process of frame-off restorations were two C-1's and the group had a chance to examine them and ask Jeff questions about them.





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The other car that Jeff had was an early model C-3 that had been turned into a “Resto-Rod” by Jeff’s shop. It had a small-block crate engine and many modern upgrades. In addition Jeff had painted it a beautiful red color and installed C-4 seats and custom instrumentation. The car was made to drive and keep up with modern Corvettes.



While we were discussing this Resto-Rod, Jeff explained to us his philosophy of never changing an original car so much that it cannot be once again made “original”. Everything he does in the way of “custom” work can be returned to its original state should the owner want it back that way.

After about two hours of a very interesting presentation Jeff offered to buy a pizza lunch for the group. All agreed that this was a great idea.

To learn more about Restoration Station and the work they do visit their web site at <http://www.restoration-station.com/>

Contrasting the 1968 and 1969 Corvette **Exterior**

By Terry Buchanan

Part 1 - Front Grills

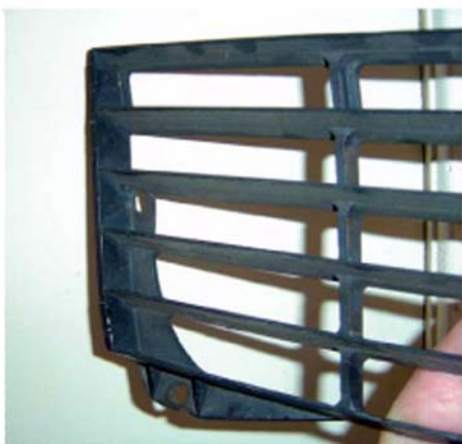
In 1968 General Motors introduced a totally redesigned exterior for the Corvette. This new design was suppose to happen one year earlier but design problems put the proposed newly designed model, back a year. I will be focusing on the exterior differences of the 1968 and 1969 models. They look very similar from a distance but they are very different close up.

Let take our focus to the front plastic grills of the 1968 and 1969 Corvette. The front grill system has 3 parts. There are two side grills which house the front turn signal light indicators and a center grill just behind the license plate. This center grill does not get much attention as it is usually not seen if the license plate and bracket are installed.

The two side grills is where we see the contrast between the 1968 and 1969 grills. The basic shape and size are the same but the design has just a small variation. If you look closely on the horizontal bar edges of the 1968 grill, the horizontal edges stick out about a half inch from its vertical support on each end. This design proved to be weak and prone to bend and deform near the attachment screws. The 1969 grill was redesigned to be stronger and to prevent deforming. This was accomplished by making the horizontal bars terminate into a beefed up vertical attachment where the horizontal bars did not extend beyond the verticals.



1968 Grill



1969 Grill

This was not a big change but the only way to spot a 1968 grill from a 1969. Reproductions of the front grills favor the 1969 style with 1968 styles becoming increasingly more difficult to find as they were a one year only style and are not being reproduced.

Sound Deadener, Padding, and Carpet Installation in a 1967 Corvette Convertible (Part 1)

by Kirk M McHugh

Since the black carpet in my 1967 Ermine White Corvette convertible had faded to a brownish-black color over time, I decided last winter to install new carpets and padding. I choose Al Knoch's roadster carpet set 80/20 loop in black (CER656701) in conjunction with Al's "like original heat and sound deadener" as an padding (DFS656700).

In addition, I had read a great article in the Corvette Restorer comparing more modern heat and sound barriers. To me, the winner of that comparison was HushMat, which at only 0.07 inches of thickness reduced around 43-56% of heat transfer. Since I drive a convertible, installation of HushMat was mostly for its heat barrier capabilities and this article convinced me of its potential efficiency in reducing heat transfer from the underside of my car. I also wanted to keep my car as "original" as possible and it seemed that the 0.07" thickness of HushMat would easily fit underneath the more period correct original style barrier and carpet without causing any dramatic change in overall thickness.

I purchased a bulk box of black HushMat that provided 30 12" X 23" sheets of material on line for a fairly reasonable price. For glue, I started with two spray cans and two 1-quart cans of brush-on glue from Al Knoch (CGS530000 & CPG530000).

Once things got started, I realized I did not have nearly enough glue for the project and proceeded to my local Ace Hardware store where I



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purchase a one gallon can of DAP Weldwood Original Contact Cement for \$14.99. I had also purchased a nice pair of carpet scissors for the project and frequently used a small scalpel for in the car cuts around objects or to create holes in the carpet as needed (both items a necessity in my opinion).

With all my materials in hand, I began the project early last spring in an un-heated garage in Columbus, Ohio. With temperatures ranging around freezing and below, I decided to first deconstruct the car's interior and wait for warmer weather for the actual carpet installation. I had read several posts that suggested warming the carpet in the summer sun was just what was needed to ease the installation.

Needless to say, Ohio in February was not willing to cooperate in the weather and sun department. I first removed the car seats, front kick panels, side trim panels and jack board from the car. In addition, my convertible is optioned with rear harness belts, so the rear anchors at each wheel well and double plastic cups on the back of the luggage stop had to be removed as well.

Next, the center brake console and shift lever console were taken out. Be careful with both as the slide on the brake console is delicate, and I needed to remove the knob from my automatic shifter and then move the shifter into gear to get the shift console out of the car easily.

Finally, the gas pedal and doorsill trim pieces were removed. I struggled for over a week to remove the outboard front seat belt anchors and even after applying Liquid Wrench every day for a week the bolts simply wouldn't move. Looks like I was going to have to install the carpets with the front seat belt anchors in place.

The old carpet and padding came up easily and the glue remnants in my car weren't really all that bad (*Figure 1*). I purchased three 1-quart cans of 3M General Purpose Adhesive Cleaner (item #62478765092) from the 3M eStore at a very reasonable price, and in no time at the entire car was clean (*Figure 2*).



Figure 1. Glue and "original" padding on the passenger-side rear wheel well and rear deck. Note the hole in the padding for mounting the shoulder harness.



Figure 2. Same view as in Figure 1 with the padding and glue removed. Again, note position of rear shoulder harness hole and plate.

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In the end, I only used two of the three can to remove the glue from my car's interior. During this process I found three numbers written on my car, a large "4" on the passenger side floor board (Figures 3), and two smaller numbers written on the center console between the shift lever and emergency brake lever that were a little harder to read (Figure 4). The meaning of the numbers remains ambiguous, although I had hoped the "4" represented my cars job number.



Figure 3. The number "4" found written on the passenger floor pan under in the seat well after the glue was removed. Could this be the car's job number?



Figure 4. The two sets of numbers found on the top of the transmission tunnel between the shift lever and parking brake. The numbers are difficult to read but look like a "70" and "8-4".

With the car clean and weather beginning to warm, I proceeded with step one - installation of the HushMat. Each sheet has a removable backing paper that covers the tacky side of the HushMat. The material is very flexible and easy to work with and cut. I simply started in the rear of the car and began laying sheets down and cutting additional sheets to fit as needed. When laid down gently the HushMat is easy to pull back up, but if rubbed into place or left for any period of time, it becomes much more difficult to remove.

I covered the entire interior of my car with one 30-sheet bulkpack. This included the rear compartment and wheel wells down to the storage compartment lip, the luggage stop board on the



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front and over the back of the top to the ledge, the entire driver's and passenger's side seat and foot wells as well as the center console around the shifter and even behind and under the radio center dash. In my car, the transmission tunnel transferred a great deal of heat into the car even with the tunnel insulation and exhaust shields in place (Figures 5 and 6).



Figure 5. Hushmat installed over the passenger-side rear wheel well. Note dimple for shoulder harness mounting screw



Figure 6. HushMat installed in the passenger compartment. I took great care to cover most of the fiberglass surfaces associated with the transmission tunnel including under the dash

behind the radio as this was one area that I was getting significant heat transfer from under the car. This area is no longer a "heat problem."

The final step after installing the HushMat was to go around the car with a scalpel blade and cut out all of the holes needed for mounting the gas pedal block, seats, brake console, and shoulder harnesses. These holes were pretty easy to locate by just gently pushing down on the HushMat (see Figure 5). With all of the HushMat in place, the car had a muffled sound when the doors slammed shut, and during my early drives this summer I have noticed very little heat associated with transmission tunnel. So, it seems to have worked.

Heart of Ohio Chapter Apparel By Terry Buchanan

There are times after joining an organization such as the NCRS, that members like to identify their membership by purchasing clothing and accessories that have the Chapter name and logo. Our Chapter now has that opportunity through **Lands' End Business Outfitters**. To order Heart of Ohio Chapter clothing and accessories, go to the Apparel page of our Chapter website.

www.ncrs.org/hoo/apparel.htm



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Click on **Chapter Store** and you will be taken to the Lands' End Home page. You will need to click on **Men or Women, Case, Bags or Totes, or Gifts & Accessories**. From there you will see all the different choices, colors and sizes for that clothing item or accessory.



After you have made your selections, you will be directed to logo application. You will need to select the Heart of Ohio logo which is free. As you continue on to the last sections you will have 4 steps in the check-out process: 1. Shipping Information, 2. Shopping Bag Review, 3. Billing Information and 4. Order Confirmation. Depending on the time of year, shipping is often free. Orders should be shipped in two weeks or less.

There is a toll free number to call for questions about ordering from the website. (1-800-587-1541)

We hope to see more Heart of Ohio Chapter clothing and accessories around the area in the near future.

From the (Temporary) Newsletter Editor

As I have written in the past several issues, after a 15-month absence I once again took over editing our Newsletter until someone can be found to do the job. If you are the least bit interested please give me a call at 614/847-0774 to discuss it. The only required skill is to be reasonably comfortable using Microsoft Word. Knowledge of PhotoShop or Adobe Elements is good too.

For the time being, I am going to publish the newsletter on a quarterly basis with emailed editions on January 1st, April 1st, July 1st and



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October 1st. The goal of the Newsletter will be to keep you informed about the Club's activities and, as time goes on, I hope to expand it with additional content.

You can reach me at Herb@harltons.com or (614) 847-0774.

However, to do this I need your help!

Please feel free to email me anything you find or know of that might be of interest to the group. I will gladly include it. Also, if you have something to sell send that information along to me.

Even better if you want to write an article about anything Corvette related I would love to publish it. Topics could include a road trip, a project you completed, a tip, a vendor you had a good experience with, and so on. Also, if you took pictures please send a few along.

Thanks in advance for any support you can give me.

Herb Harlton
614-847-0774
Herb@Harltons.com

Moving? New Email Address?

Let us know if your mailing address or your e-mail address has changed so, we can update our records and keep you up to date. **Please send changes to Herb Harlton our Membership Chairman:**

Herb Harlton
614-847-0774
Herb@Harltons.com

Got Something To Sell?

Why not run a **FREE** Ad in our Newsletter. Send you information to;

Herb Harlton
614-847-0774
Herb@Harltons.com

Authors Wanted

Do you have anything that is Corvette or car related you want to share with our members? A special vendor you found, a tip on how to fix something, a story about a corvette experience. Anything you think might be of value or interest. **We welcome your contributions!**

Please take a few minutes and send me an email. I will be glad to put your article into our Newsletter.



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Calendar Of Corvette Events

Dates in Bold are Heart of Ohio Chapter Events *Note –Some of 2010 Events are still in the early planning stages but mark your calendars anyway. We will keep you posted on any changes via the **Events Page** on our **Website***

Dates underlined are other NCRS chapter events

Dates in plain type are other Corvette related events

April 2010

April 17 **HoO Tech/Judging Seminar, Busted Knuckle Garage, Pataskala, OH**

April 24 **The Ed Foss Collection, Roanoke, IN Road Tour**

May 2010

May 6-8 Gettysburg Regional, Gettysburg, PA

May 8 Bud's Chevrolet Corvette Cruise In, St. Marys, OH (Possible HoO Road Tour)

May 20-22 Iowa Regional, Des Moines, IA

June 2010

June 4-5 Michigan Chapter Meet, West Bloomfield, MI

June 5 Pittsburgh Tri-City Chapter Meet, Alexandria, PA

June 6 **Heart of Ohio Judging School, Richard Crary's Garage, Bucyrus, OH**

June 19 Miami Valley Chapter Meet, Dayton, OH

June 24-27 Bloomington Gold, Pheasant Run Resort, St. Charles, IL

July 2010

July 13-18 NCRS National Convention, Lowes Motor Speedway, Concord, NC



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August 2010

August 8

Lake Erie Chapter Judging Meet

August 15

Heart of Ohio Chapter Judging Meet, Coughlin Chevrolet, Pataskala, OH

August 27-29

Corvettes at Carlisle

September 2010

September 9-11

Midwest Regional Queen City Meet, Canal Winchester, Ohio (Bob McDorman Chevrolet)

September 26

Heart of Ohio Chapter Picnic



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HEART OF OHIO CHAPTER OFFICERS

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HEART OF OHIO SUMMER CHAPTER MEET INDOOR MEET REGISTRATION FORM

Sunday August 15, 2010 – 10:00 am-5:00 pm
Coughlin Chevrolet - 9000 East Broad Street - Pataskala Ohio 43062

Check Our Chapter Website for the
Latest Meet Information, Registration
Form, Meet Contacts and Map

www.ncrs.org/hoo

The Heart of Ohio Chapter invites fellow NCRS members to join us at our indoor Chapter meet at Coughlin Chevrolet, Pataskala, Ohio.

Name _____ Spouse/Guest Name _____ Address _____

City _____ State _____ Zip _____ Home Phone (_____) _____ NCRS # _____

Email Address _____ Cell Phone (_____) _____

COST

Meet Registration (Member & Spouse/Guest) \$ 20.00
Additional Guest @ \$10.00 per person x # _____ \$ _____
Flight Judging Entry @ \$40.00 \$ _____
Bowtie, Duntov & McLelland Display No charge
Sportsman Display @ \$10.00 \$ _____
Join the Heart of Ohio Chapter @ \$20.00 \$ _____
Meet T-Shirt Size _____ Extra Shirt @ \$10 ea. \$ _____
Total Amount Remitted \$ _____

JUDGES INFORMATION

I would like to judge: 1st Choice _____ 2nd Choice _____
(Class: C-1 through C-4) /Category: Interior, Exterior, Mechanical, Chassis, Operations)
NCRS Judging Level _____
I would like to be an Observer Judge: Yes ____ No ____
I would like to help Tabulate: Yes ____ Name _____

Make checks payable to: **Heart of Ohio Chapter – NCRS** and mail to: **Herb Harlton; 792 Olenhurst Ct; Columbus, Ohio 43235**

PLEASE NOTE: WE RESERVE THE RIGHT TO LIMIT THE NUMBER AND CLASS OF FLIGHT CARS. NO JUDGED CAR REGISTRATIONS ACCEPTED AFTER JULY 15, 2010. PREREGISTRATION DATE IS BASED ON POSTMARK DATE. For Questions Contact Herb Harlton: Herb@Harltons.com

JUDGED/DISPLAY CAR INFORMATION

Year _____ Body Type _____

CI/HP _____ Complete VIN No. _____

Insurance Company _____ Policy No. _____ Expires _____

SCHEDULE:

9:00 a.m.-9:45 a.m.....Check in at Meet
4:30 p.m.....Award Presentations

LUNCH

Lunch will be provided for all registered owners, registered guests and registered judges

YOU MUST ENCLOSE PROOF OF INSURANCE WITH YOUR REGISTRATION OR YOUR REGISTRATION WILL BE RETURNED.

I agree to insure my vehicle against loss, damage, and liability and to provide proof of such insurance to NCRS. I agree to assume the risk of any and all damages or injury and to indemnify and hold harmless NCRS, its officers, directors, agents, employees and chapters for any acts or omissions which may result in the theft, damage or destruction of my property or injury to me or others occurring during or as a consequence of this chapter, wherever located.

Signature _____

Date _____



NEWARK | PATASKALA | JOHNSTOWN | HEATH | CIRCLEVILLE | CHILLICOTHE | MARYSVILLE



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