



## Heart of Ohio Chapter Newsletter

**Volume 8 issue 3**

**The Front End**

**Third Quarter 2011**

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### **Chairman's Message**

Greetings to all...

Summer is officially here and the Car Show season is underway. I hope you are enjoying your Corvette and getting some much anticipated seat time. The Chapter Judging meet was a big success again this year thanks to all the folks who helped out by tabulating, judging and bringing all the great cars for us to judge. Special thanks to Roger Zrimsek, Richard Lomax and Herb Harlton for organizing the event and to Terry Goodin from Coughlin Chevrolet for giving up his day off to open up the dealership for us. Please keep Terry and Coughlin in mind if you are thinking about buying a new car.

The next event this summer is the NCRS National Convention July 18th to 22nd in Novi Michigan. This is as close as it gets for a National Convention so do not miss your chance to attend. If you plan on going and want to travel together let the group know and maybe you can organize a tour. Herb will be driving to Michigan on Monday the 18<sup>th</sup> and Lou and I will be traveling there on Wednesday July 20<sup>th</sup> and you are welcome to tour with either of us.

Following the convention on July 30th is the Heart of Ohio Chapter Road Tour to Merschon's World of Cars in Springfield Ohio. If you have never been there it is worth the drive to see all the great cars. On August 7th the Lake Erie Chapter is having their Judging Meet at Tim Lally Chevrolet in Bedford Ohio. August 21st is the Heart of Ohio Chapter Picnic which will take place in a new location. October 22nd the Queen City Chapter will conduct their Judging Meet at Columbia Chevrolet in Montgomery Ohio. The Queen City and Lake Erie chapters have done a great job of supporting our events so let's return the favor. T

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To wrap up the year, on November 20th the Heart of Ohio chapter will conduct their second annual Corvette and Chevy Swap Meet at Coughlin Chevrolet.

Lou and I attended the Ault Park car show in Cincinnati on June 12th for the second year and I wanted to encourage you to attend next year if you can. The location is beautiful and the cars are amazing. Everything from new Ferraris to cars from the Brass Era they have it all. Combined with good food and great people it is a must see event.

Please keep an eye on the Heart of Ohio web site for details on all upcoming events. If you have technical questions the members are a great group to ask. We have a wealth of knowledge in the group and are all willing to share our expertise.

See You All in Michigan!

P Yasher  
Heart of Ohio Chapter  
Chairman

## Mid Year Headlight Restoration Guide (Part 2)

Prepared by: Dale Maris (48325)

Technical Assistance by: Steve Barrett (21558)  
and Joe Eyl (8722)

### **Disassembly of the Headlight Housing and Motors**

With the **Headlight Housing** out of the car, we will further disassemble the components from the housing.

1. Remove the outer pivot housing, washer and felt seal.
2. Remove the wiring harness connector from the end of the harness by carefully inserting a small screw driver or pick to release each wire connector from the plastic coupler.



*You can see that's it quite dirty with  
47 years of use.*

- 1) Outboard stop collar can be removed from shaft and wires.
- 2) Harness will now pull out from the inner side of the housing.

- 3) We had to heat the shaft and pivot ball to remove that was frozen to shaft.
- 4) Remove the inner and outer pivot shafts by removing 3 screws. This is not necessary, but we removed them to better clean them up.

We marked the wires for reassembly, but the color codes should match up. Since we replaced all the wiring harnesses we tested our connections before reinstalling the harness connector. There was a tan wire, a black wire (bottom terminal) and a black with green stripe (early '64). The bucket harness from Eagle Wire Products has a green wire (late '64) that matched up with the black with green strip wire. Eagle Wire can provide the correct color wire for the early '64 if specified.

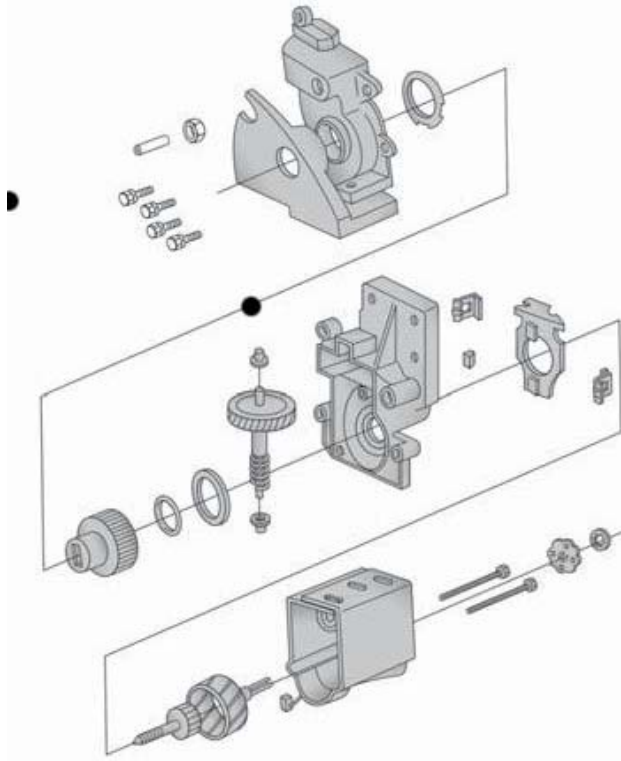
*Example of headlight assembly removed from car and layout in an exploded view.*



**Outboard Components:** Pivot housing, bucket wiring harness, outboard stop collar and outboard pivot ball.

**Inboard components:** Pivot ball, pivot housing, stop Y and Motor assembly.

### Disassembly of the headlight gear & motor assembly



### Disassemble Headlight Gear Assembly

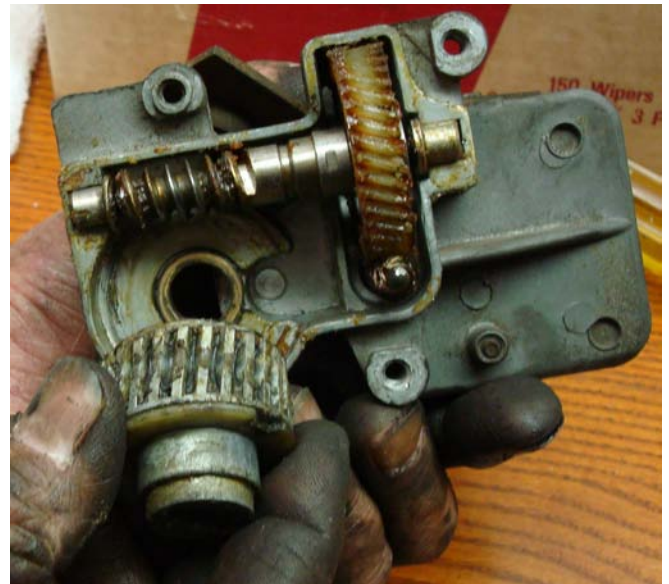
1. Two larger slotted screws to remove the mounting bracket from the front gear cover plate.



2. Four hex bolts to remove the front plate covering the gears.



3. Gears will now come out, inspect teeth of motor gear (normally worn when hitting Y stops as motor does not turn off when hitting stops)





### Motor Disassembly

1. Remove retainer and hand Wheel from back side of motor casing.
2. Two long bolts from the outside end of the motor to remove the armature plate



*This will expose the brushes and the armature of the motor.*

3. Remove small springs holding tension on brushes
4. Slide clips holding brush assembly board and slide unit out being careful not to break brush wire that is fasten to housing
5. All remaining motor components will now come out of housing.

### Exploded view of Motor and Gear Cases



*Editors Note – Because of the length of this article I had to break it up into four parts: Removing Headlight Motors, Disassembly, Cleanup and Restoration and Reassembly and Reinstallation. The other sections will appear in future newsletters.*



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## Heart of Ohio Chapter Apparel

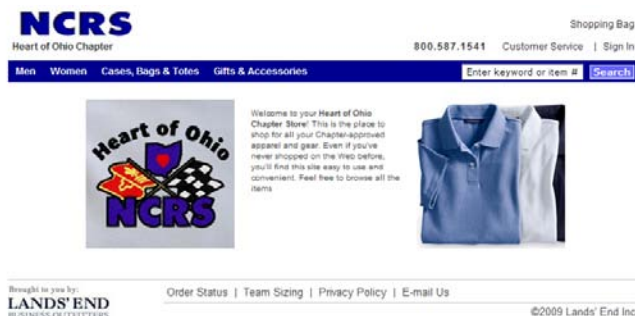
By Terry Buchanan

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**. Heart of Ohio Chapter clothing and accessories can be ordered either on-line or by phone. To order on line go to the Apparel page of our Chapter website.

[www.ncrs.org/hoo/apparel.htm](http://www.ncrs.org/hoo/apparel.htm)



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 \$8.50 per item. 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 your order should be shipped in two weeks or less.

**To order by phone** there is a toll free number to call that is dedicated to logo purchases. The number is **800-338-2000**. Refer to the Heart



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of Ohio customer number 4052776 and the operator will take your order or assist you with you purchase.

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

### From the Membership Chairman

As of June 30<sup>th</sup> the Heart of Ohio Chapter has 48 members with many new faces. Eleven NCRS members have joined the Chapter this year. Unfortunately, we had eight members who did not renew their membership for 2011. A few of these were long time members who did not rejoin NCRS and a few others who joined in 2010 and for whatever reason never attended any functions.

In spite of our membership losses are total chapter numbers are as high have they have been in recent years.

Herb Harlton

### From the Newsletter Editor

In the First Quarter Newsletter I started a new feature article called **Member's Projects**. Given the size and diversity of our club there are always member projects, both big and small, going on. This is what the NCRS is all about!

If you have a project that you are working on I would be glad to tell the other members about it. All you have to do is email me some photos and a brief write up. I will take it from there.

Herb Harlton

614-847-0774

[Herb@Harltons.com](mailto:Herb@Harltons.com)

### From the Judging Co-Chairman

#### 2011 Meet Musings

On Sunday May 15<sup>th</sup>, 2011, the Heart of Ohio Chapter of NCRS held their annual Chapter Judging Meet at Coughlin Chevrolet in Pataskala. A total of 6 cars were flight judged, from a 1966 up through a 1996 Corvette. Despite some iffy weather, several Sportsman cars also joined the field (didn't we have rain last year too!). Plenty of judges, tabulators and even a few guests rounded out the group. In addition to HOH, several other chapters were represented, including that state a little North of us. There was plenty of coffee and donuts, great lunches, drinks, and a new t-shirt. John Ballard joined us and conducted a Tech Session using his recently developed NCRS Judging CDs. With one exception, all of the flight judged cars received a Top Flight award; the remaining car achieving a Second Flight. Terry Goodin of Coughlin was again a great host. Overall the 2011 meet was quite successful.

It is not too early to think about next year's Chapter Judging Meet (once I recover from this year's meet). I have been traveling to each of the Chapter Judging Meets in Indiana, Ohio and Western Pennsylvania to get ideas for our meet. I expect to begin planning for next years' meet in January 2012. So if you have any ideas or suggestions, please email me at [lomax.24@osu.edu](mailto:lomax.24@osu.edu) Hope to see you at Nationals in Novi (where our Chapter will receive another Top Flight banner) or at a future Chapter event.

Richard Lomax, Judging Co-Chair





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### For Sale by Members

1957 Chevy 210 DelRay Coupe - Frame-up restoration, original Blue Flame 6cyl.-3sp transmission on the column. 87,000 original miles, tropical turquoise color, original interior except for new headliner summer of 2010. New Coker wide white radials, new rear springs, much new chrome, and more. This '57 is fun to drive and draws much attention at shows and cruise-ins. Price \$24,900

Dave Kapes - (740) 397-9740 - Apple Valley  
(Mount Vernon, OH area)



### 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](mailto:Herb@Harltons.com)





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### *Calendar Of Corvette Events*

**Dates in Bold are Heart of Ohio Chapter Events** *Note –Some of 2011 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

#### July 2011

July 17-22<sup>nd</sup>      NCRS National Convention, Novi (Detroit), MI

**July 30<sup>th</sup>**      **Heart of Ohio Chapter Road Tour, Merschons World of Cars, Springfield, Ohio (More details to come)**

#### August 2011

August 7<sup>th</sup>      Lake Erie Chapter Judging Meet, Tim Lally Chevrolet, Bedford, Ohio

**August 21<sup>st</sup>**      **Heart of Ohio Chapter Picnic (More details to come)**

August 26-28<sup>th</sup>      Corvettes at Carlisle, Carlisle, Pennsylvania

#### September 2011

September 18<sup>th</sup>      Classic Car Cruise In, McDonalds, 1660 Marion Rd., Bucyrus, Ohio  
(Note – HoO may have a Road Trip to this function – check your email for further information.)

#### October 2011

October 16<sup>th</sup>      Restoration Station, All Corvette Road Tour, Springboro, Ohio





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October 22<sup>nd</sup>

Queen City Chapter Judging Meet, Columbia Chevrolet, Montgomery, Ohio

### **November 2011**

**November 20<sup>th</sup>**

**Heart of Ohio Corvette and Chevy Swap Meet, Coughlin Chevrolet,  
Pataskala, Ohio**

### **December 2011**



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