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Coming Events

July 21	Rolling Into Roanoke Car Show
July 28	American Custom Industries
August 4	Mini Judging Meet at Jamie Heisler's
September 8-9	Chapter Road Tour TBA
October 6	Chapter Picnic Mounds State Park
November 3	Annual Business Meeting MCL Cafeteria
December 1	Chapter Christmas Party Fireside Brewhouse,

Message from the Chairman

It is hard to believe that this year is already half-way over. We had a very good Judging Meet in April at Larry Gerigs' facility. I want thank Larry for allowing us to use his facility, it is a great place full of eye candy for car people. I would also like to thank Rick Coker for all of his hard work in setting up this event. Most people do not realize the man hours it takes to pull off this kind of event. Last but not least, I want to thank all of the judges and car owners for supplying the key elements, cars and judges.

I want to let everyone know about a few upcoming events you might be interested in attending.

July 21- Rolling into Roanoke Car Show, Fort Wayne area. I hear that Larry Gerig, Keith Busie, and Ed Foss are opening up their collections for viewing that day as well.

July 28 - I have arranged a visit to American Custom Industries, located in Sylvania Ohio, near Toledo. American Custom Industries manufactured all of the fiberglass panels for the Greenwood Corvette race cars during the 1970's.

July 15-19 - NCRS National Convention, Las Vegas.

August 4 - Indiana Chapter will hold a mini Judging Meet and Tech Session at Jamie Heisler's building, located at Hamilton Lake, near Angola, more information on this event TBA.

August 17-18 - Dream Cruise Detroit. The Michigan Chapter will have a parking lot located on Woodard Avenue. See more information on page 6.

August 23-25 - Carlisle PA.

September 8-9 - Indiana Chapter Fall Road Tour

Mike Treece
Chapter Chairman

Message from The Judging Chairman

I want to thank Larry Gerig for hosting Indiana Chapters Spring meet at Larry's museum. Eleven corvettes were present for judging along with a Bow Tie car for display, belonging to Roy Reichenbach. I also want to thank the judges, tabulators, and everyone else that made this meet a success.

I recently attended Arizona and Michigan regionals, both were well worth it. Anyone whom hasn't attended a regional should make an effort to do so. The next few Regionals are...

September 20-22 - Mid Atlantic Regional, Altoona, PA.

October 25-27 - Lone Star Regional, Dallas, TX

For any one asking ---Yes, I did go skydiving in Arizona! Checked it off my bucket list.

Rick Coker, Judging Chairman, Indiana Chapter

Message from The Editor

With my first Newsletter in the archives, it's time to get busy on the summer issue. I would like to have the Newsletter serve as a quick reference guide for chapter events, articles, news and advertisement. We now have a Facebook page to share our pictures from events and projects. I look forward to seeing what everyone is doing. Here is the link to our Facebook page.

<https://www.facebook.com/groups/16590835094787/>

If you access Facebook through an app, in the search window type Indiana Chapter NCRS Group, then click "Join" once you have found the page. I have made the page a 'closed group' so that the general public cannot post links, photos, or advertise their businesses. Please join our Facebook group page and share your photos, projects, or information there. For those not on Facebook, please feel free to email me (cthull@tds.net) and I can post for you. Please include event and content information.

The Top Flight Chapter Award is going well. For the remainder of the year, we need 5 members to drive their corvettes to Chapter events, 3 Corvettes on the Road Tour, 1 Technical Session, a charitable event, and 2 technical articles.

I now have our chapter banners, our original that Norman Stump had made and the Chapter Flight Award banner from the national organization. We seem to be missing the most

recent Chapter Flight Award banner. I don't know if we even received one for 2016 on? The one I have displays the years 2012-2015. If anyone has any information on this, please let me know.

Tim Hull
Newsletter Editor

Tech Talk

1957 - 1975 Corvette Horn Repair

Does only one horn in your duel horn system work? We all know the solution— replace the horns. There's nothing wrong with this solution, unless you want to keep your originals, that are date coded and correct for your car. An alternative solution is to purchase a Corvette Horn Repair Kit. The kits allow you to rebuild one or both horns. The process is simple as long as the horn coil is not damaged. The end result will be that your original horn(s) will sound like new again.

The complete kit contains 2 vibrating discs, 2 hammers and screws, 4 gaskets and assembly rivets. You will need a center punch, #25 drill bit, 1/8" punch, vise, gasket cement and a few hand tools.

Begin by removing the horns from the car, noting their location. Inspect each horn, look for markings of high/low, or musical note F, A, D, or C. Using a scribe, mark each half for realignment purposes. Place the horn in a vise, using a pointed center punch, mark the center of each outer rivet. Next, using a #25 drill bit, drill the flat area off of each rivet. Then, using a 1/8" punch, partially drive out the 4 outer rivets, finish removing the rivets with pliers. NOTE: The 2 rivets at the opening of the horn bell, do not go all the way through, they must not be totally drilled out or removed. Remove only the head and approximately 1/8" of the shaft of the rivet. Remove your original horn from the vise and separate the halves. Gently pry open the case and remove the vibrator discs. The contact points should be cleaned, 400 grit sandpaper works well.

The coil should be tested at this point for continuity with a continuity meter. If the coil checks out ok, you are ready to reassemble. Use caution near the coil, don't disturb the coating on the coil wire and do not allow any solvents or abrasives to touch the coil.

Install the new hammer onto the new vibrating disc using the Allen head screw provided in the kit. Use Lock-Tite on the screw threads to secure it to the hammer. Be sure to remove the fiber washer from the old vibrating hammer, this is important and is not included with the rebuild kit.

Begin reassembly by spraying each side of the new paper gaskets with cement. For testing purposes, you can assemble the horn unit using #6 machine screws and nuts. To test the horn, place the mounting bracket against the negative post of a 12V battery. Carefully run a wire with alligator clips attached to each end from the positive post of the battery, quickly touch the contact spade on the horn with the other end of the wire, the horn should beep. If no beep, check the negative and positive connections. Adjusting the vibratory plate may, or may not be necessary. If so, you will see the adjusting screw on the mounting bracket side of the horn. Lube the threads with penetrating spray and slowly turn the screw approximately 1/4 turn in one direction, try horn, if it makes a sound, then turn an additional 1/4 turn. This adjustment causes the vibrating plate to vibrate more or less. Keep adjusting until you get the sound that you want. When finished getting your sound, remove one assembly screw at a time, installing one rivet before moving on. Use the vise to compress each rivet head as desired. Compress the rivet heads squarely for a neat appearance.

The rivets in the bell portion of the horn will require the installation of a stub rivet due to not fully removing the original rivets. Use side cutters to cut the 2 new rivets to approximately 1/4" in length. Install them in the holes and compress in the same manner as the other rivets. When you have finished the rebuild, you may refinish the horn using semi-gloss or high gloss black spray paint. Your horn has been revived and is ready to go. Beep! Beep! Beep!



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Woodward Dream Cruise 2018

Friday - Saturday, August 17-18, 2018

It's time to go Cruisin' - Join us on Woodward for the Annual Woodward Dream Cruise! Front row seats to one of the greatest moving car shows, secure private parking, food and drinks, entertainment, prizes and more! This annual event is lots of fun, reserve your spot now before they're all gone.

Friday Night **Qualifying Lap**

Date: Friday, August 17

Time: 6:00 pm – 9:00 pm

Saturday **Start Your Engines**

Date: Saturday, August 18

Time: 7:00 am – 4:00 pm

Saturday **Victory Lap**

Time: 4:00 pm – 9:00 pm

35046 Woodward Ave, Birmingham, MI

Cost **\$90** per car and driver, passengers and guests are additional.

Questions contact Dale Robenault at dwr@inspec-inc.com or Judy Stern at jstern@inspec-inc.com or 734-451-8740 (M-F, 8-5)

Dale Robenault

Activities Chairman, Michigan Chapter NCRS

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