



John and Sophia Tidwell's Duntov Mark of Excellence Award 1962

John's Story on Page 21



**SOUTHERN
CALIFORNIA
CHAPTER**



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Keeping your Email address up-to-date is important, so please contact our Webmaster, Ed Vignone, at sccncrs@ncrs.org with any corrections. Email is the method used to notify members of calendar changes and events that take place between issues of the Bonding Strip.

Please send your correct Email address to sccncrs@ncrs.org and add **sccncrs@ncrs.org** and **social-chapt@cox.net** to your Spam Checker **friends** list. Also SCC mail is often flagged as spam because of the numerous email addresses in their BCC (Blind Carbon Copy) fields. Members can protect SCC mail from being flagged as SPAM by putting SCC 's return addresses (**sccncrs@ncrs.org** and **socialchapt@cox.net**) into their email program's *Address Book*.

The board has a meeting at Harbor Chevrolet in Long Beach on the second Monday of each month. Members are welcome to attend.

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Calendar of Upcoming Events

November 2009

9 Board Meeting 7 PM - Harbor Chevrolet, Long Beach

December 2009

6 Holiday Brunch, Board Meeting 2 PM- at Almansor Court, Alhambra

January 2010

6-8 Road Tour to Laughlin

11 Board Meeting 7 PM - Harbor Chevrolet, Long Beach

20-23 Florida Regional - Kissimmee Florida

February 2010

8 Board Meeting 7 PM - Harbor Chevrolet, Long Beach

March 2010

8 Board Meeting 7 PM - Harbor Chevrolet, Long Beach

April 2010

12 Board Meeting 7 PM - Harbor Chevrolet, Long Beach

May 2010

6-8 Pennsylvania Regional - Gettysburg Pennsylvania

10 Board Meeting 7 PM - Harbor Chevrolet, Long Beach



To the following new Members

Joel Berk

Chad & Carolyn Champlin

Harry & Jessica Hibbs

Jim Fulmer

Photo Contributors:

Many thanks to Ed Vignone, John Tidwell, Jamie Fiffles, Mason McNay, who contributed photos for this publication.



Chairman's Comments

by Don Troyer



Autumn is here and as I look back I wonder what happened to Summer. One memorable time was the National Convention in San Jose. The convention was a big success. The registration and car numbers were down from the last few years, but that was expected with the current economic situation the country is in. Members of the California Chapters worked together to make the convention run smoothly. The Convention Center provided enough space so that all the Corvettes could be inside. Check out the covers of the Fall 2009 Restorer. Many members took advantage of the tours that had been arranged to see various sights in the San Francisco-San Jose area. The Restorer has extensive coverage of the convention and some additional photos are in this issue.

The chapter and a number of members received recognition and awards at the Membership Meeting, congratulations to all. A complete list was in the last issue of The Bonding Strip. The Chapter received the Charter for 2009-2010 and a banner for achieving Top Flight status for 2008. Thanks to all chapter members who have participated in events during the past year. The Chapter Award Program is based on conducting a number of different required events, members driving Corvettes to the events, having cars judged and member participation.

A few chapter members joined the National Road Tour to the convention. It included 75 Corvettes and a few personal vehicles from as far as Massachusetts. The drivers were from many states, Canada, Holland, and Australia.

Cruisin' for a Cure was an excellent event again this year. All the money collected went directly to the City of Hope for prostate cancer research. Vehicles of every description could be seen cruising around the Orange County Fair and Event Center grounds. A few members took advantage of the chapters offer of a discount. We will try

to make the same arrangements next year, so if you plan on attending watch for registration information in future issues.

We had a successful Picnic and over 50 members and guests were there. It was hosted by Verity and Rusty Hobbs at their ranch in Fallbrook. If you did not attend, you missed a great day (See page 12 for photos). The fall judged meet will be held at the Commons in Calabasas on Sunday, October 25th. At this time Jerry is looking for members to judge all the cars that have registered.

The Holiday Brunch will return to Almansor Court in Alhambra on December 6th. The Almansor Court has a Champagne Brunch with many varieties of food including everything from seafood to sushi. We will have reserved parking for Corvettes in front of the building. (We may have to fight off the Porsche owners as they have a Holiday Brunch the same day) Look for the registration form in this issue. This is a great location so hope you can attend.

This year the chapter has donated \$240 to The City of Hope and \$1,260 to Kingdom Adventures International Ministries. An application has been submitted to NCRS Nationals Charity Program for consideration of matching funds for these charities.

The ballot for next year's chapter officers is in this issue. If you have an interest in a position on the board and want more information, contact me. Space is provided on the ballot to write in candidates. This is the time of the year when I ask members to think about volunteering some of your time to benefit the chapter. Your chapter can use assistance in many areas, so if you want to help out on event planning, locations etc., contact any board member. New ideas keep the chapter activities interesting to the membership.



Region IX Representative Report

By Ed Vignone

I just returned from the New England Regional which was very successful and had a large turnout. The New England Chapter put on a great Regional and the weather cooperated by being dry and sunny. Of the many gorgeous Corvettes displayed and judged there were more FI cars than I have seen at a NCRS event. A good representation by Region IX members provided a number of judges and tabulators.

I also had an opportunity to go to a Northern California Chapter Meet on Oct 3 & 4. John Tidwell & Mike Ingham presented a Judging School covering "Literature to assist the Judging and Restoration" on Friday evening (see Photo), which was followed by a BBQ hosted by Michael and Kristin Soares. The Judging on Saturday was at the Community Center of Wexford in Granite Bay.

It was gratifying to see the successful application of our judging standards coast to coast.

The Arizona Chapter also had a Judging Meet on October 3 in Tucson Arizona.

The minutes from the NCRS National Board Meeting held on July 17 in San Jose follow.

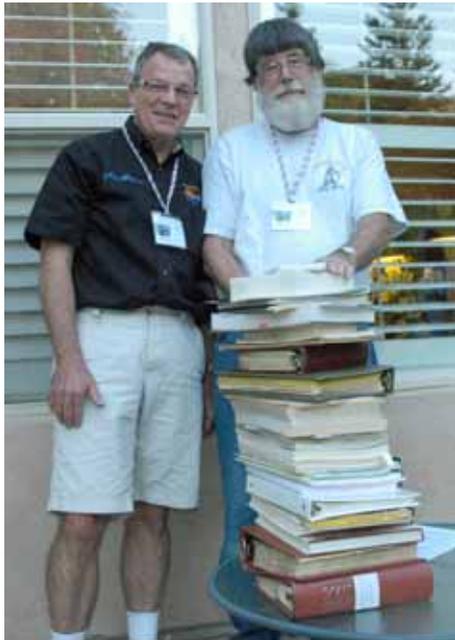
NCRS Board Meeting Minutes – July 17, 2009 San Jose, CA

The meeting was called to order at 7:00 am on July 17, 2009.

Vito & Mark thanked the host chapters and all the volunteers for the wonderful experience everyone had at the San Jose National and Bill Sangrey for the success of the road tour.

Cece Nelson tendered her registration as Secretary to the Board effective December 31, 2009.

Bill Sangrey reported he expects to be under budget by about \$1,000 for the 2009 Road Tour. There were 81 registrations and cars. Cars were provided for a couple of Dutch members to drive on the Road Tour. Bill intends to retire from this position after the 2010 Road Tour.



Mike & John with their 1962 Corvette Literature Collection

John Pirkle reported on the 2010 National meet in Charlotte, NC. Everything is coming together nicely. However, the schedule will not be finalized until the race-track receives the final schedule from NASCAR.

Mark Lincoln reported that the National meet scheduled for Novi, MI in 2011 is on schedule. Darold Shirwo reported that the 2012 National meet to be held in San Diego is proceeding nicely. Committees have been appointed and media programs are set.

Cece Nelson reported that her next activity will be the 2009 elections in Regions I, II, & III. Nomination forms must be submitted by August 10 with ballots due between September 1 and October 31. The elected reps will take office in January 2010.

Gary Mortimer reported that Membership is holding fairly steady at 15,000+. The constancy is due to marketing to lapsed members. Merchandise sales, including books, have dropped along with the economy. Partnerships with online firms are being investigated to increase sales and maximize profits.

Roy Sinor reported that several judging manuals are in progress and are scheduled to be issued by August 31, 2009. The Protect-o-plate book is just about finished and should be ready for sale December 31, 2009.

John Pirkle issued an invitation from the National Corvette Museum to attend the 15th Anniversary celebration this Labor Day weekend featuring John Hinckley's induction into the Hall of Fame and recognition of NCRS with the opening of the Archives. We have several tables for the Hall of Fame dinner so if you are going let us know. You will still have to register on the NCM site to attend.

Vinnie Peters reported that he has enough articles for 1 1/2 issues. At this point technical articles outnumbered human interest by a wide margin. If you have articles of either genre, please submit them to Vinnie.

Carlton Colclough has developed forms for Chapters to fill out for the charity match program as well as a list of approved charities. Directors to distribute the form and remind the chapters of the deadline of October 1st. Matching payouts to the chapters will be made in the first quarter 2010. Carlton also reported that sponsorships have taken a dip due to the economic conditions. He asked for ideas and contact info for new sponsors with a view to making the sponsorship grow. The Judging Point database is up and running and an on-line training video will be developed. Eventually chapters will be entering results from regional and chapter meets directly into the system themselves. Once fully implemented members will be able to check their judging and tabulating points on-line in their Technical Discussion Board public profile. From January through May ncrs.org experienced over 908,000 visits, 5,923,906 page views, and 27% of visitors viewed advertiser's pages. The Board voted not to change the Driveline on-line posting from its current ten days after mailing. Midway USA Chapter, in Kansas, was accepted with provisional status. A vote on their permanent status will be taken in March 2010.

By-Laws Changes:

13.3 The Secretary shall prepare the ballot to be made available to the membership both in hardcopy and on-line. The hardcopy version is to be printed on the back cover of the Driveline. Only ballots that are legibly signed by a verifiable resident of the Region will be tabulated and counted. Ballots shall be returned to the Secretary and tabulated. Copied or facsimile ballots will be counted as long as the NCRS membership is current. The membership # must be included. The on-line version is to be accessible only through the "membership only" section of the NCRS website requiring a member to first register for access. The online votes will be held in a secured database and tabulated by the Secretary at the close of the election. A member may use either method to vote but not both and may vote for a Regional Representative of his or her Region only. The combined results of hardcopy and on-line votes will be published in the next available Driveline. All Active Members shall have the right to vote for Regional Representative, whether or not they have Chapter affiliation within that Region.

4.10 Board members attending the annual Board meeting shall be reimbursed reasonable travel and room expenses incurred. Travel and room expenses eligible for reimbursement are "additional expenses" required to attend the Board meeting. Reasonable travel expenses equal the airfare/mileage (which ever is lowest), approved rental car expenses and hotel/room charges (not to exceed the host hotel charges).

Foundation Meeting:

Jeff Cook reported that he was able to purchase a \$100,000 CD to earn interest income for the foundation. Mark Lincoln and Joan Burnett have been working on drafting applications for the NCRS scholarships—2 general scholarships and 2 Marvin Burnett Education scholarships. They will keep the Board and membership advised.

The date for the next Board Meeting has not been selected yet but will be in March 2010 in Concord, North Carolina.

Cover Car!

John and Sophia Tidwell's Duntov Mark of Excellence Award winning 1962

I purchased my 1962 Corvette in 1979. I joined NCRS in 1982 while living in Los Angeles and attended SCC meets at Big Bear and Pismo Beach. I moved to San Jose in 1984 and the car was occasionally driven until I retired. In 2002 I started a frame off restoration which took 3 years as I wanted to do as much of the restoration myself as I could. I ended up doing everything on the restoration except the body work and paint. The mechanical work was relatively easy as I had been involved with drag racing a top fuel car in the 1960s. The interior work was a new experience as it was a learn as you do (and do over again) process. The restoration was made easier by the fact it had always been a California car and had very little rust. For example when we pressure washed the bare frame the stencil was complete and easily readable. The car's first judging was the Seaside regional in 2005 where it earned a top flight. Next we attempted a PV in Las Vegas in 2006. I say attempted as I managed to catch the car on fire during the PV. During the 90 % of red line portion of the test, the wire from the voltage regulator to the amp gauge came out of its clip and became wedged behind the ignition shielding. The torque of the engine then rubbed through the insulation causing a short and the fire. During the award ceremony in Las Vegas the slide show contained not just the photos of the winners but also several nice clips of my car returning to the judging field on a rope. Most of the fire damage was to the wiring and washer hoses up under the dash. Fortunately Sophia is limber enough to get under there and so she did most of the rewiring. The following year at the Regional in Leavenworth we were more successful and passed the PV. The only hitch that time was that we were being followed by a police officer when we were ready for the 90% of red line test. We therefore continued out much farther than originally planned until he turned off. No problem for me but Sophia was convinced that something awful had happened when we were so late in returning. We then trailered the car to the St. Charles nationals (far enough that we got the longest trailered award) and were successful in obtaining the Duntov Mark of Excellence Award. Now I can drive it and enjoy. - John Tidwell



National Convention 2009!

*San Jose California
July 12-16, 2009*



SCC Members Cars In The Spotlight!



Allen Tremain's 1957



Dan Holstiens' 1964



Mark Francois's Top flight 1965



Jeff Reade's Duntov Mark of Excellence 1958



Victor Preistler's American Heritage 1960



Randy Hines Duntov Display 1965

Web Site: <http://www.ncrs.org/scc/>

8 Email address: sccncrs@ncrs.org



Richard Smith's Pair of Duntov Display 1963 . Nice Bookends!!!



Mark Bern's Duntov Mark of Excellence 1966



Jaime Gesundheit's Duntov Mark of Excellence 1965



Frank Fountain's Top Flight 1957



William Shenk's Top Flight 1953



Peter Mueller's Top Flight 1968



Steve & Dee Anna Shrefler Duntov Mark of Excellence 1960

National Convention 2009! Cont.



Don & Alice Westbe; s 3rd Flight 1967



Ed Dunes Top flight 1960



Bruce Fosdike's McLellan Display 1982



John Marsico's 1992



David Ferguson's Top Flight 1955



Robert Brown's Year of the '59 Display



How Many SCC Board Members does it take to Fill a 67? 4.



Scrutiny is the Name of the Game!

Awards and Recognition Received by SCC Members



Master Judge

Ron Bartow
Randy Hines



John Piovesan



200 Club Master Judge

Dennis Hakim
Gary Hiltunen
Mike Ingham
Marv Stober



300 Club Master Judge

Bob Grauer



400 Club Master Judge

Ed Vignone



Red Hat Master Judge

Bruce Fosdike
Jerry Palmer
John Tidwill



Master Tabulator

Linda Hiltunen
Pat Louer



Founders Award

Darold Shirwo

Sportsman Award

Ron Bartow
Jerry Louer
Art McNay
Glorie McNay
John Tidwell
Ed Vignone

Ladies Choice

Bruce Fosdike 1982

American Heritage

Vic Preisier 1960

Top Flight

Ed Duenes 1960
Dave Ferguson 1955
Frank Fountain 1957
Mark Francois 1965
Peter Mueller 1968
William Shenk 1953
Allen Tremain 1957

3rd Flight

Alice Westbie 1967

Bow Tie

Bruce Fosdike 1982

2 Star

Darold Shirwo 1964

Year of the 59

Robert Brown

Duntov Display

Randy Hines 1965
Jerry Palmer 1962
Richard Smith 1963
Richard Smith 1963

Duntov Mark of Excellence

Mark Berns 1966
Jaime Gesundheit 1965
Dan Holstein 1964
Jeff Reade 1958
Steve & Dee Anna Shrefler
1960

McLellan Display

Bruce Fosdike 1982
Allen Tremain 1986

Hill Mark of Excellence

Ed Hoffman 1993



SCC Picnic and General Meeting at the Hobbs Ranch

Story By Darold Shirwo Photos By Ed Vignone



On October 11th the SCC free picnic for the club was a resounding success; what made it even more enjoyable is that Rusty and Verity Hobbs opened their fabulous new Fallbrook ranch for our venue.

We had 20 Corvettes and 50 members to share great barbecue food, war stories, tire kicking and beautiful weather.

The club has been sponsoring an annual free summer picnic now for many years and this event had the highest turnout of Corvette enthusiasts.

We initiated a new attraction and that was a White Elephant sale.

A White Elephant sale is where the members bring any old thing (primarily car stuff) and we auction it off for the benefit of the club and charity.

The goodies ranged from a high priced Corvette book for \$1.00 to a mint edition of the 1963 Corvette shop manual for \$35.00 (sold to Duke Williams).

The food, company and hospitality could not be surpassed and those of us that were there can only hope that more members will take advantage of this once a year event.



Corvettes @ Barrett-Jackson

By Jamie Fiffles

There were 30 Corvettes on the docket at the recent Barrett-Jackson auction in Las Vegas. Of these 21 were presented as original cars and the other 9 as resto-mods or customs. Of the 21 original cars only 1, a red 1985 sported NCRS Top Flight credentials and sold for \$20,350. Barrett-Jackson works with the NCRS to make sure any vehicles claiming Flight awards have actually received them, when verified a notice is placed on the windshield.

The highest selling price Corvette was a red 1968 full custom that sold to Sylvester Stallone for \$198,000 including commission. The highest selling price original car was a maroon 1967 427/435hp convertible that belonged to actor Bruce Willis. This car was far from NCRS correct, but was a very sweet running and driving car. I actually drove it up onto the block, and didn't want to get out of it. One of the nicest running big block cars I have ever driven.

A pair of ZR1's a new 2009 and a 1990 with 14K miles where sold together as a pair by Dealer and collector Dave Ressler, and fetched \$205,700. There were some exceptional cars including a 1965 396 car that was very correct and fresh from restoration.

The NCRS and Corvette Museum had a very busy booth staffed by volunteers including our Chairman Don Troyer and Wife Carol. Thanks to all that worked the booth for the 3 day event! - Here are a few highlight cars:



Bruce Willis owned 1967 435hp



Beautiful fresh 1965 396



"Rocky" Bought this 68 Custom



Pair of ZR 1's sold for \$205K

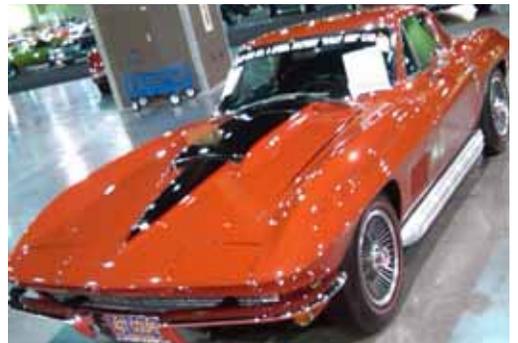
Year	Lot	Sold @	Note	
1958 Coupe	717	\$84,700	Resto-mod	
1959 Convert.	685.1	\$110,000	Original	
1960 Convert.	680	\$110,000	Original	
1961 Convert.	411	\$57,200	Original	
1961 Convert.	718	\$95,700	Resto-mod	
1962 Convert.	688.1	\$155,100	Resto-mod	
1964 Convert.	354	\$60,500	Original	
1964 Coupe	659	\$75,900	Original	
1965 Convert.	363.2	\$58,300	Original	
1965 Convert.	396	\$106,700	Original	
1966 Convert.	402.1	\$110,000	Original	
1966 Convert.	719.2	\$83,600	Original	
1967 Convert.	659.3	\$165,000	Original	Bruce Willis
1967 Coupe	664	\$104,250	Original	
1968 Convert.	678	\$198,000	Custom	Stallone
1969 Coupe	639.1	\$44,000	Original	
1972 Coupe	45.2	\$20,900	Original	
1973 Coupe	317.1	\$14,300	Original	
1978 Coupe	42	\$37,400	Custom	
1978 Coupe	318	\$14,850	Custom	
1978 Coupe	326	\$22,000	Original	
1985 Coupe	314	\$20,350	Original	Top Flight
1989 Coupe	14.1	\$11,000	Original	
1990 Callaway	70	\$34,650	Original	
1990 ZR1	705.1	\$102,850	Original	Sold w/ 2009
1991 ZR-1	50.2	\$24,200	Original	
1991 Coupe	329	\$26,950	Original	
1993 Coupe	93	\$23,100	Original	
2003 Avelate	677.1	\$79,200	alant	
2009 ZR1	705	\$102,850	Original	Sold w/ 1990



Only Top Flight was this 1985



Rare Silver / Silver A/C '64



1 of 747 Radio Delete, Rally Red '67

A.I.R. Tech Article

By Jamie Fiffles



Three little letters that can polarize the Corvette enthusiast. Some despise it, some accept it as a necessary evil, some search in vain for the parts, others ignore it, some appreciate it, most feel it must rob horsepower, and many feel it distracts from the simple beauty of the engine bay. But whatever your position, in the NCRS world if your car had it, it better be there.

So lets take a look at a representative A.I.R. (Air Injection Reactor) system for a 1969 427 L68 car. If your car is a '69 you had it, no if, ands or buts. No exceptions. Canadian and other exports had it. High performance had it. Hawaiian cars had it. All '69's had it. So accept it.

Did your car have it? Well here is a rundown of A.I.R. usage courtesy of Joe Lucia from the NCRS Technical site: *The first Corvette to have AIR was the 1966 model year for California delivered cars (K-19 required option). All engines except L-72 had to be K-19 equipped. 1967 was the same except that there were no engine exceptions. For the 1968 model year, ALL Corvettes were equipped with AIR, no matter where they were delivered, even foreign. This same thing continued for 1969. For 1970-71 only LT-1 and LS-6 were AIR-equipped, regardless of where delivered. For 1972 most engines were AIR-equipped with the exception of base engine with federal emissions certification (i.e. "49 state" cars). For 1973 ALL engines were AIR-equipped. For 1974 all engines were AIR-equipped except L-48 with THM-400 and federal emissions certification. For 1975 ALL engines were AIR-equipped. For 1976 and later it varied by engine/emissions application.* So with that information here are all parts you need, and how it all goes together.

First the Pump. This is the typical style pump for the majority of 1969. L88's / ZL-1 had the earlier style pump with the vent valve on the pump.

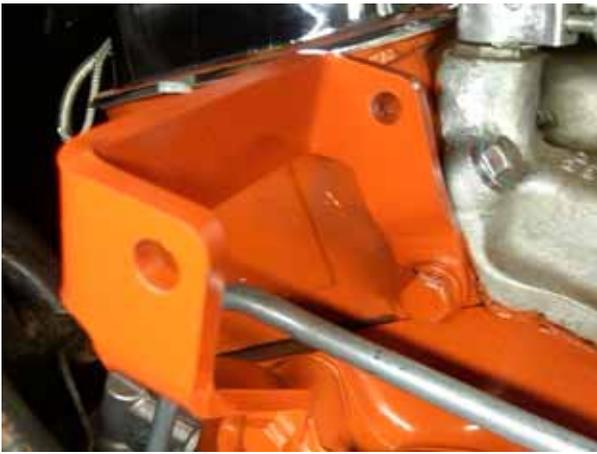


<Note the white fan for 1969. The mounting pivot bolt has an unusual captive friction locking nut .

The rear of the pump with the mounting for the diverter valve. The cast numbers are casting numbers for the housing, not the pump part number. Gasket(s) used as shown. >



<The date code is stamped on the bottom of the pump when mounted. Judges will check the date with a mirror. This one reads 28091S. Which is a Julian date code for the 280th day of 1969, or October 7th 1969. It is going on a November 20th Trim Tag car. The 1 is the shift number and the S is a broadcast code.



<Big blocks used this stamped metal mounting bracket for the pump. Small blocks used a cast bracket. It was installed at Tonowanda or Flint and was painted orange with the engine block. The bottom bolt for the bracket is the upper water pump bolt on the passenger side, no washers were used on the water pump bolts.

The pump pulley is a gray phosphate finish and is stamped with the part number, 3925522 in this case. The part number faces towards the rear when installed on the pump. >



< The adjusting bracket for the pump was installed at St. Louis and was dip painted black.

The mounting point for this bracket is the upper Drivers side water pump bolt where a bolt with a stud was installed at the engine factory. The bracket attaches with a lock washer and nut to this stud. >



< The next component is the diverter valve which mounts on the back of the pump. These were stamped with broadcast codes, GJ is used here. The diverter did as its name says, diverted air from being pumped into the exhaust manifold to being vented out into the atmosphere.

Big blocks used a diverter valve with the pipes straight across. Small blocks had the pipes at 90 degrees to each other. A part of the part number was stamped on the bottom, 29298 here. >



< Tri Power cars used this adapter to mount the diverter valve at a different angle to clear the 3x2 air cleaner.

The vacuum line to control the diverter valve attaches to full manifold vacuum through a T fitting. On this Tri Power system it is spliced into the choke pulloff diaphragm line. >



A.I.R. Tech Article cont.



< The diverter valve connects to the exhaust manifold trees with two high temp molded hoses.

These hoses have the GM part number stamped in white. >



These hoses are retained with four tower clamps. >

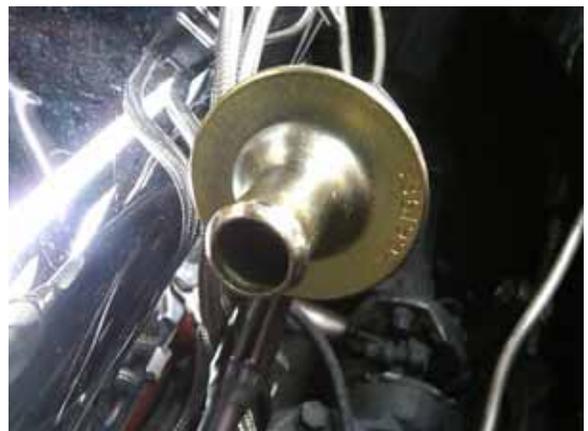


< The clamps are marked WITTEK MFG CO. CHICAGO USA, and are also marked with their size and a quarterly date code. 1 1/16" & 4/69 in this case.



< All of this connects to the business end of things with the exhaust manifold trees. These trees are a brownish black to dark gray plated as there was more than one supplier. The check valve attaches to the end of the manifold tree. The check valve prevents hot exhaust gases from reaching the pump.

The check valve has the part number stamped into it. 5361992 in this case, and are cadmium plated. >





The trees mount into the exhaust manifold by just the threaded fittings, no brackets.



When installing these fittings it is a good idea to use some anti-seize dressing. You, or someone else will be happy you did some time soon in the future. >



< Put the compound on the threads and then pull back the fitting and put some on the line too.

If you were missing your system someone installed plugs into the exhaust ports. Hopefully they were brass plugs like these. If not expect to have to remove the manifolds and get out a torch to remove the old plugs, unless you have been living right and get lucky with some WD-40 or spray fastener rust breaker. >



Once the plugs are out you can install the port tubes into each of the ports of the manifolds. They just slide inside the threaded port into a smaller hole. They are held in place by the tree fittings.





< Flared end goes out!

Manifold tree mounted on Passenger side. >



Mount the pump.



< You must install the pump without the pulley as the diameter of the pulley interferes and does not allow you to install the lower mounting bolt.



The Diverter valve is very close to the front carb on 3x2 setups. Hence the pump does not have much travel in it's adjusting bracket , and is almost at the end of the adjustment when fitted. >



< The vacuum line from the Diverter T's into the full vacuum source line that goes to the choke pulloff diaphragm.



Install the pulley; Belt; both molded hoses, the hose clamps, and you're done! >



< Here's a birds eye view of the whole system. Ironic that a system that was usually the first parts removed and discarded from the car is now one that is the sign of a fully correct and complete engine bay. A.I.R. can be appreciated for it's simplicity and the beginning of the much more complex emission control systems to come. JF

*These system parts were put together and restored by NCRS member Bill Hodel. He specializes in restoring and providing parts and complete systems. He is located in Ohio and you can contact Bill at (330) 832-0871 or billhodel@sbcglobal.net.

A.I.R. for small block engines have several differences:



< Small block Diverter valve with 90 degree pipes and GL broadcast code.

Small block pulleys, 3932458DA for 350HP semi gloss black or gray phosphate & 3917234 for 300HP is gray phosphate. >



< Small block pump is the same but it has this adapter on the back for the Diverter valve.

Manifold tree & check valves on a small block. >



< Complete small block system from Bill. Note also the cast pump mounting bracket; straight hoses instead of molded, and pulley mounting hub adapter on pump. The small spacer at the base of the pump bracket is used only on non-A/C Cars.

The Southern California Chapter
Invites you to attend our

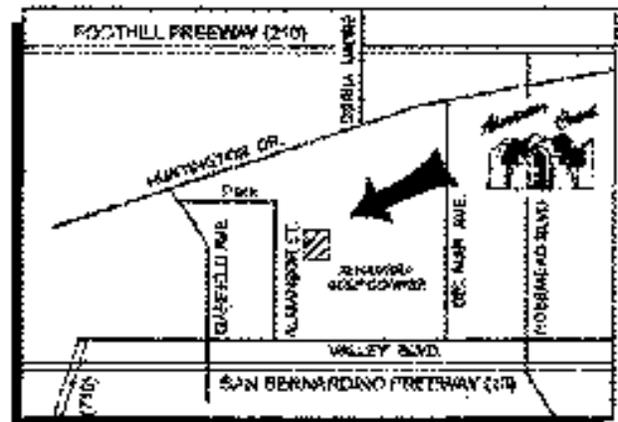
*Annual Holiday Brunch
And General Meeting*

**Sunday, December 6, 2009, 11:00 AM
Almanson Court, Alhambra**

Join fellow club members for our annual holiday brunch. The buffet includes seafood, omelets, champagne, and many great brunch favorites.

The Almanson Court is located at 700 South Almanson St., Alhambra, 91801 (626) 570-4600.

General membership meeting, officer installation and brunch will start at 11:00 AM



To register for the annual Awards Brunch, Officer Installation and General Membership Meeting, send this form with payment to Don Troyer, 1234 Sierra Vista, Alhambra, Ca. 91801 before November 27th, 2007. Call (626) 289-0904 for information.

Names: _____

Address _____

Phone _____ Email _____

Yes, we will bring a Corvette[]

Adults attending _____ @ \$25 each _____

Children attending _____ @ \$18 each _____ TOTAL \$ _____

2010 CORVETTE ROAD TOUR TO LAUGHLIN

Okay traveler's we are going to Laughlin from January 6, 2010 to January 8, 2010 on our first road tour of the new year.

We will be leaving from our usual haunt of Krispy Kreme at 8:30 AM on the 6th and we will leave Laughlin in the morning of the 8th.

Krispy Kreme, 4485 Mills Circle, Ontario Mills Mall, Ontario, CA
(west of I-15 on 4th Street)



Our travel coordinate (Allen Morris) is, as we speak, working on a fabulous rate at one of the best hotels in Laughlin and this is intended to be just a kick back, easy going tour and an opportunity to spend some quality time with friends away from the hustle and bustle of city life.

If interested please let Darold Shirwo know, so we can get a head count and block the rooms. Contact: Darold M. Shirwo at: DShirwo@aol.com, or (310) 278-2000, or fax at (310) 652-9609.

We look forward to a huge turnout and great couple of days!!!

Are You Corvette Crazy?

See How Many of These Corvette Facts You Know!



- Before 1958, the only acrylic lacquer paint used was on the "Inca Silver" Corvettes.
- 1959 was the only year that turquoise soft tops were available.
- Sun visors (called "sunshades") became a Corvette option in 1959.
- Nylon belted tires first became available on the 1960 Corvette, prior to 1960 only cotton ply tires were offered.
- The 1961 Corvette was the last year to feature "wide whitewall" tires.
- The 1961 Corvette dropped the "round" nose emblem of previous years in favor of the word "CORVETTE" spelled out as individual letters.
- The trademark chrome grill teeth disappeared forever in 1961, to be replaced by a fine mesh screen in the grill.
- 1962 Was the last of the solid rear axle Corvettes and the last year for the power top on the convertible.
- Luxury amenities such as power steering, air conditioning, and leather were first available in the 1963 Corvette.
- The 1963 roof panel molds were built using wrong dimensions, such that all roof panels were too small. This left a gap seen in the door pillar above the door latch in all but a few cars. The ones where it is not found were cosmetically covered up with body filler.
- The famous "split" rear window for the new Corvette almost never came to be. It seems that Bill Mitchell and Zora Arkus-Duntov argued over the design. Bill Mitchell won out for the 1963 Model, but it was removed for 1964 never to be seen again.

To Be Continued... ..

Condensed Minutes

EXECUTIVE BOARD MEETING

By Diana Wright, Secretary



NCRS-SCC EXECUTIVE BOARD MEETING - JUNE 8, 2009

This month's meeting was held at Harbor Chevrolet in Long Beach. The meeting was called to order by co-chairman Allen Morris at 7pm. Those present: Ed Vignone, Darold Shirwo, Pat & Jerry Louer, Bob Crane, Brian Quadt & Larry & Diana Wright.

Copies of the minutes were handed out and reviewed. Larry Wright made a motion to approve the minutes and Ed Vignone seconded. All in favor.

Treasurer Larry Wright gave the financial report. We continue to be in good shape financially. Darold Shirwo made a motion to approve the report, it was seconded by Bob Crane, voted on, and carried unanimously.

Officer Reports:

Ed Vignone reported the deadline for the Bonding Strip would be July 15th. Ed has also updated the web site calendar.

Membership chairman Darold Shirwo stated that we have 196 members- 6 of which are new. Welcome to all!

Bob Crane reported that he sent out info on the chapter picnic to Jamie for the Bonding Strip.

Old Business:

2009 Regional: Jerry Louer stated that he has had many compliments on the event. Jerry has turned in all expenses for the meet and has been reimbursed.

2009 National Convention: Nothing new to report. Everyone is ready and willing to help. Jamie Fiffles is in charge of production of the vehicle to race at Convention.

Cruisin' for a Cure: We need more participation. Allen Morris is the coordinator for our chapter. The event will be held Sept. 26th. What a worthy cause and a great day will be had by all who attend.

Chapter Picnic: Nov. 8th is the tentative date. Bob Crane and Don Troyer are working on this event.

New Business:

Darold Shirwo is once again our Trail Master on our way to San Jose. For those of us that have to be up there early, we will meet at Darold's house on July 10th. Jerry Louer will be leading the official Road Tour from Southern California.

Drip Pans: Rusty & Verity Hobbs have generously donated all drip pans for the Convention. Thank you so much! They will make arrangements for getting them back to Southern California after the meet.

Holiday Party: Don Troyer is checking with Almanson Court as a possible site for our party. Barbara Vignone is also checking on a site. More info next month.

Future Judged Meet: Possibly a meet at Rusty & Verity's Ranch for a future meet. More on that later.

Larry Wright volunteered to check with William Shenk for a future tech session or judging school. Possibly in February.

Also, we suggested a future judged meet in San Diego at the Town & Country. This will be the site of our National Convention in 2012. All were in favor of this meet.

As there was no further business, Bob Crane made a motion to adjourn the meeting. The motion was seconded by Brian Quadt. The meeting adjourned at 8:30.

SCC-NCRS EXECUTIVE BOARD MEETING- AUGUST 10, 2009

Chairman Don Troyer opened the meeting at Harbor Chevrolet in Long Beach at 6:57. Those members present: Darold Shirwo, Ed Vignone, Jamie Fiffles, Jerry & Pat Louer, Bob Crane, Brian Quadt and Larry & Diana Wright. Also in attendance: Pat & Kay Collins

Secretary's Report: Ed made a motion to accept the minutes as read, Darold seconded the motion. All members approved.

Treasurer's Report: Larry stated that our accounts were all in order. Bob made the motion to approve this report, Pat seconded. All were in favor and it was passed.

Officer's Reports:

Darold as membership chair, reported that we now have 196 members in good standing. No new members at present.

Bob commented on the great response to the chapter picnic.

Ed stated that Bill Sangrey, who has done a fabulous job as National Road Tour Chair will resign after the road tour in 2010 to the National Convention. Also resigning is CeCe Nelson as National Secretary as of Dec. 2009. Our best wishes to both and Thank You for all your hard work for us these years.

Ed also reported that all regional director ballots will be done online in the future.

One other point of interest, membership will soon be able to check their judging and tabulation points on line.

Brian has two new tech articles for publication. He will soon have an update on who is eligible for the Tech Article Award.

Don stated that our chapter received a new charter for the year at the National Convention. We also received A Top Flight Chapter Award. To all those members who helped make this possible, A Great Big Thank You.

Bonding Strip: Jaimie did an Excellent job once again. Deadline for the next issue will be on Oct. 10th.

2009 Regional: Don hasn't received any information on the financial report as yet. He will check into this and report at the Sept. meeting.

National Convention: Everyone did a Great Job! Thanks to Pat Collins for getting such great sponsorship for the convention.

2009 Pinewood Derby: Thanks to Jamie for loaning us two cars for this years event. John LeGate's car won all the Awards this year. But, look out John, we'll try to get you next year. Anyone with a talent for building Derby cars,

give us a yell!

Cruisin' for a Cure: Allen is once again handling our chapter participation in this event. What a worthy cause and the gang always has a fun time.

Calabasas Meet: So far we have 8 cars registered for judging. We still need judges. Boyan & Andy are working on a Topic for the judging school Saturday evening. Darold volunteered to find a place for dinner after the school.

Chapter Picnic: Verity and Rusty Hobbs are working out the details. The menu will be discussed at the next meeting.

Holiday Brunch: The deposit has been made at the Almansor Court for this event. The date is set for Dec. 6th. Wonderful food and Seeing your friends, what a great way to end the year. Hope you all can attend.

New Business:

Data will now be entered on the computer from Regional's and the National Convention. Hopefully this will make life easier for our Judging Chairmen and Roy Sinor(National Judging Chair)

Jerry asked if we turned in the paper work for our charity matching funds. Don & Larry will check into this and turn in the paper work to the appropriate chairman.

Jerry stated that we need to come up with an incentive program to get judges out to the meets. His suggestion was a possible gift(something towards judging) for these volunteers. This will be discussed further at the next Board Meeting.

As there was no further business to discuss, Ed made a motion to adjourn the meeting. Larry seconded this motion. Motion carried.

SCC-NCRS EXECUTIVE BOARD MEETING- SEPT. 14, 2009

Don Troyer, chairman, opened the meeting at 6:44 pm, at Harbor Chevrolet in Long Beach. Those board members in attendance: Darold Shirwo, Allen Morris, Bob Crane, Larry & Diana Wright, Barbara & Ed Vignone, Pat & Jerry Louer and Brian Quadt. Also attending: Les Rajczi.

Secretary's report: Allen made a motion to approve the minutes as read, Brian seconded. Minutes accepted.

Treasurer's report: Larry stated all is in order with the books. Pat made a motion to approve this report, Allen seconded. All in favor of passing this motion.

Officer's reports:

Darold stated we have 201 members on record. He is currently checking for non-renewals. Some former members may be dropped from the roster soon.

Barbara has the Top Flight Summary ready to send in to National. She reported we are still in need of Technical Articles, a General Meeting and a Social.

Jerry has sent out an email concerning National Judging. There is now a site for checking points for members(such as judging or tabulation points that you have accrued during the year.

Old Business:

Bonding Strip deadline is Oct. 10th.

2009 Regional: Don received a check in the amount of

\$604.04. This was the amount each chapter in the Consortium received after all accounting was finalized.

National Convention: No further information on this event. We have many comments with favorable responses. What a wonderful job everyone did to pull off the Convention.

Cruisin' for a Cure: Allen states all vendors are sold out this year. Our chapter will park within the Corvette Corral. This is a very worthy cause and Thanks, Allen for coordinating for us.

Chapter Picnic: Bob reported he has 25 signed up so far for the picnic. Thanks to Rusty & Verity for hosting this event.

Fall Meet in Calabasas: Darold is looking into a place for dinner after the judging school on Sat. evening. Jerry stated that we have 33 registrations so far. 11 cars to be judged. The C-2 and C-3 category have been filled. We still need judges for this event. Diana made a motion to approve the buying lunch for registrants. Barbara seconded this motion, and all were in favor. Motion carried.

Holiday Brunch: Dec. 6th is the date. Don has no updates at this time.

Judging Incentives: Jerry has checked on the internet for supplies geared towards judging. Bob wanted to know why there are so few people volunteering to judge the cars? No one at this table had an answer for him. Maybe someone reading these minutes can come up with a reason. Many different ideas went around the table, but discussion was tabled until next meeting.

New Business:

Charity Program: Don received an email from our Regional Rep. which states that the dates have been changed as to when we send in our forms to National. We do work for our charities and love getting matching funds for these organizations.

Member of the Year: It is that time of the year again and Don has set up his committee. They are: Barbara, Darold and Diana. We will take votes and come up with a winner.

Prior to this meeting a poll was taken from the SCC Board to withdraw from the Consortium. To document the results of this poll, Ed made a formal motion to withdraw from the Consortium and Bob seconded. All were in favor. Barbara will notify the other chapters of our decision. The seed money each chapter had put in has been returned.

After working together for many years and with a lot of Blood, Sweat & Tears, it was time to grow in another way. We all remain good friends, willing to help each chapter in any way we can.

As to continuing to work together, Northern California has the Regional in 2011 and Southern California has the National in 2012. We have all agreed to help one another through these events. Ed has started working on the web site for the San Diego event.

We discussed a possible fall meet or Show and Shine at the Towne & Country Resort in San Diego to get acquainted with the area. This is the site of the 2012 National.

Don also stated we have an application for a regional in 2012. Discussion was left for next meeting.

Larry made a motion to adjourn the meeting and Bob seconded. All in favor. Next meeting will be held along with the annual Picnic on Oct. 11th.

Distinguished Service Award Nominations

Each year the Southern California Chapter of NCRS honors a member who exemplifies outstanding commitment to the organization with a DISTINGUISHED SERVICE AWARD.

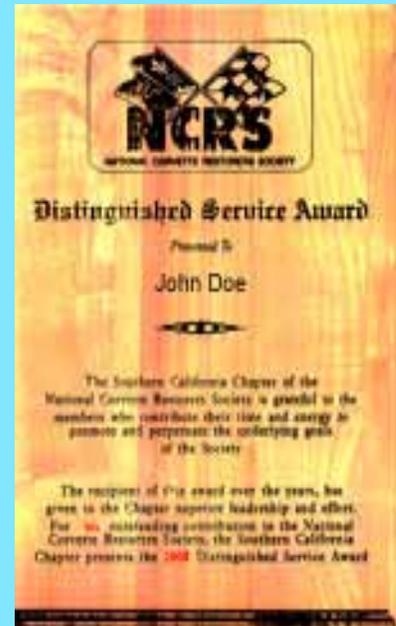
The following guidelines are used in determining the recipient:

1. a member of SCC in good standing
2. dedication to the principles and promotes the goals of the SCC/ NCRS
3. consistently participates in the activities of the Chapter

Who would you recommend for this year's award? Send your nominations by November 15 to:

Distinguished Service Award Committee

c/o Barbara Vignone scncrs@ncrs.org



SPECIAL THANKS TO OUR SPONSORS

As I am sure you already know, we just completed the San Jose national. What you may not know is that had it not been for those special members who also sponsor our meets the costs for all the activities would have been much higher. I am going to highlight the key sponsors of our chapter but want to also thank those of you who stepped up and paid for judges meals, purchased all of the floor pans that were used in San Jose and will be used at the San Diego national.

Mike Vietro or Corvette Mike as the world knows him, is not only a very long time member of the chapter he has also been one of the key sponsors of all of our activities. I have known Mike for over twenty five years and when ever the chapter needed help he was there. From charities that we sponsor to national conventions like Monterey where he covered the entire cost of the welcome reception, Mike is always there to support us.

John Piovesan the owner of G M Downunder, in Costa Mesa, CA. is a newer member to the chapter but has supported the chapter from the time he started business. John has provided the entire judging and tabulation team of the club with chapter shirts, allowed us to use his sales facility for numerous judging and technical schools. has assisted in judging and achieved Master judge status and has been one of the largest financial sponsors we have.

Noel Parks, J&D Corvette, in Bellflower, CA. Noel is better known in the Corvette world for his ability on the vintage race tour. He has been racing for over thirty years and has just completed what I think is his best vintage race car, a 1914 Chevrolet roadster. That and his two vintage Corvettes provides all of us a picture of what Chevrolet vintage racing is all about. I have known Noel for many years and even though he is also a very long time chapter member, he has always preferred to be in the back ground. The first time I asked for his assistance was when we held the first Mondavi meet back in 1994. I asked him if he would display his race car at the meet. This man never says no to any charity group. He sends his cars and his crew at no cost to events all over the west, just to help the clubs raise money. Noel has also been a major financial sponsor of our chapter. Whatever I ask of him he gives more and is there to give any support his company can

I would also like to thank all of the sponsors who run ads in "The Bonding Strip". Without them we would have to increase club dues and more then likely have a far less quality product.

If you require work on your Corvette or want to buy or sell one, please remember these men who sponsor our chapter.

Patrick Collins NCRS: #6504 SCC: #161

SCC/NCRS Membership and Renewal Application

Name _____ Address _____

City _____ State _____ Zip _____

Phone: home _____ work _____

E-mail address _____ Nation NCRS Membership # _____

(Note, you have to be a member of the National Corvette Restorers Society to join the SCC/NCRS Chapter)

Corvettes Owned _____

You have my permission to publish my name, address and phone number in the annual SCC roster.

Yes [] No [] _____ Signature _____

Make \$28.00 annual membership fee check payable to SCC/NCRS and mail to:

Darold Shirwo 8484 Wilshire Blvd., #605 Beverly Hills, CA 90211 (310) 278-2000

Membership in the SCC/NCRS includes a subscription to the chapter newsletter The Bonding Strip, which is published four times per year and includes details on chapter activities, tech tips, free classified advertising for members and discounts to chapter meets and functions.

In accordance with the By Laws of the Southern California Chapter, adopted 5/17/2000, the required officers of the SCC/NCRS shall be the Chairman, Vice-Chairman, Secretary, Treasurer, Membership Chairman, Newsletter Editor, Historian, Judging Chairman, and Technical Advisor. Other offices may be established as needed by a two-thirds (2/3) vote of the Board. All of these persons shall collectively be referred to as members of the Board of Directors of the SCC/NCRS.

2010 Board Membership Ballot

Vote by placing an [X] next to the candidate's name or write in your choice.

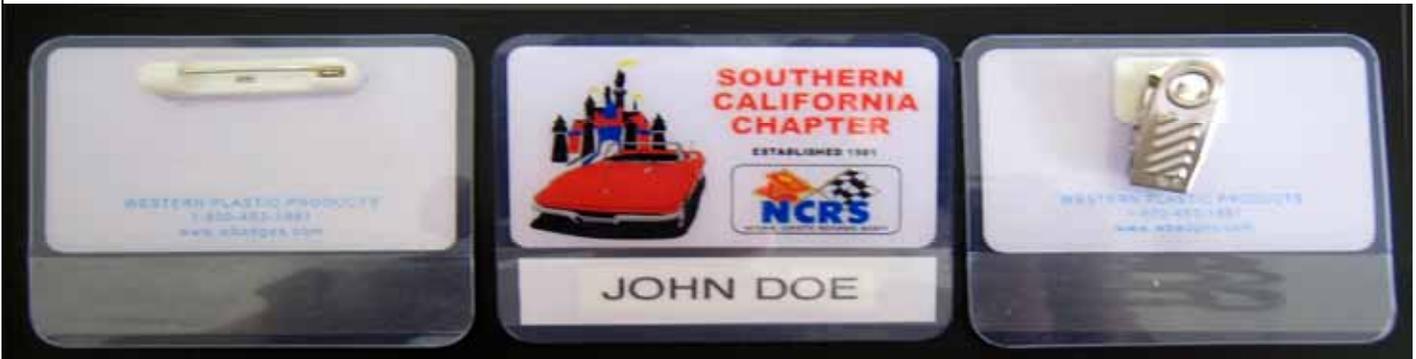
Copy or cut out this ballot and send it to our Secretary : Diana Wright, 6727 Kurl Way, Reseda, CA 91335

Position	Nominated Candidates	Write in Candidates
Chairman	Don Troyer []	
Vice Chairman	Allen Morris []	
Secretary	Diana Wright []	
Treasurer	Larry Wright []	
Membership Chairman	Darold Shirwo []	
Newsletter Editor	Jamie Fiffles []	
Historian	Ed Vignone []	
Judging Chairman	Jerry Louer []	
Technical Advisor.	Brian Quadt []	

Printed Name _____ Signature _____ NCRS # _____

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8484 Wilshire Blvd., #605 Beverly Hills, CA 90211

(310) 278-2000 dshirwo@aol.com



Chapter Shirts and Sweatshirts

Polo Shirts \$25 Sweatshirt \$30

Contact: Diana Wright

6727 Kurl Way, Reseda, CA 91335

H 818.705.4884 wryteone@aol.com



Technical Articles Needed

Free NCRS Portfolio

The Bonding Strip needs you to share your latest Corvette repair or restoration in a technical article. With digital cameras and word processors it's a snap to write an article. Just send in a Microsoft Word, Word Perfect or a text document along with some photos and we will take care of the rest. The SCC Board will provide an embroidered NCRS portfolio and luggage tag as an award in recognition of those members



Embroidered NCRS Portfolio

who write three articles which are accepted for publication. Send articles to: Jamie Fiffles; Email: jamiedfiff@aol.com; Phone: 818-246-5745; 1700 Tambor Drive, Glendale, CA 91208

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Members Classifieds

Parts For Sale: Cast Iron Intake Manifold # 3799349 (300 hp) dated K282 (Nov 28, 1962), Exhaust Manifold #3733976 1957 RH all engines, Cylinder Head #3795896 (250 hp) dated A234 (Jan 23, 1964), Pair of "Powerpack Cylinder Heads" #3725306 (all 210 hp and early 225 hp with 2 bolt exhaust manifold) dated D2556 (April 25, 1956), Complete set of 1963 rear window stainless \$2000.00. Set of 1964 seat springs and frames \$450.00. '58-'62 red steering wheel, no hub \$250, '57 beige steering wheel with blue hub \$350. Carlos Vivas (805) 929-0838 email- Mrs1963vet@aol.com

For Lease (or Sale): 3920 square foot commercial building in Torrance Post Office area. Contains 2 small offices, 2 restrooms, the rest is open space - no interior poles. 14 foot ceiling. Large roll up door. Plus fenced yard. Wired for alarm. Previously used as a restoration shop. Great location to store cars. Carlos Vivas (805) 929-0838 email- Mrs1963vet@aol.com

Wanted: Set of nice knockoff spinners and lug nuts (1964) and original '64 console for powerglide and power windows (no holes for seat belt holders). Harold SHirwo - DShirwo@aol.com, 310 278-2000

Pediatric Cancer Research Foundation (PCRF)

NOTICE!!! PCRF is accepting Cellular Phones that are no longer needed. You can give your old phones to any SCC Board Member or send them to PCRF 9272 Jeronimo Road, Suite A-107A, Irvine CA 92618



The Garage

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It's often difficult to describe what makes a particular car or era appealing but this is what seems to drive the passion for those of us who choose to pursue their dreams of ownership. Who can resist the 1953 50th anniversary Buick Skylark perhaps still the single most sought-after Buick Classic ever. How about those who want muscle, it seems this is arguably the hottest market right now with the AMC AMX in huge demand, not to mention the 1970 Chevrolet Chevelle SS 454. Cadillac, Chrysler, Pontiac, Ford, Mercury, Chevrolet, Pre-war or Post-War; we could go on for hours listing and debating which classic is the best, but that's the point, it's our passion.

LFA wants to help you experience the passion, stop by our showroom when your in town and take a walk down memory lane, your sure to be glad you did. Heck you might even pull some money out of the fickle game we call the stock market and lay some money down on that 1955 Packard Caribbean Convertible your dad had when

he was a teenager. Doesn't it want to make you drive down Pacific Coast Hwy in your 1948 Willy Jeepster with the top down and those big shinny white walls glistening in the sunshine, or maybe it's a 1949 Woodie?

LFA is owned and operated by Lake Center Drive, LLC. Directors; Gary Kataris, Wayne Diaz, and Mike Lowther.



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The Southern California Chapter represents members of the National Corvette Restorer's Society from Central California through the Mexican border. It was formed in 1981 and we currently have over 200 members. Any membership inquirers and change of address should be sent to :

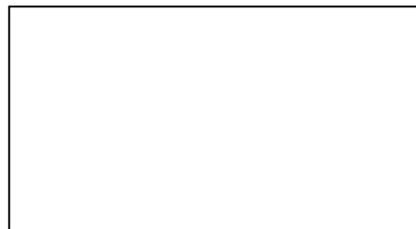
Membership Chairman

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Return address:



SCC/NCRS Bonding Strip

Circulation:

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1234 Sierra Vista Ave.,
Alhambra, CA 91801

Mail to:



Advertising Rates for the Bonding Strip

The Official Publication of the Southern California Chapter of the National Corvette Restorer's Society Effective January 1, 2008

Yearly rates are based on a calendar year. All funds payable to SCC/NCRS. Payment terms are net 30 from date of billing. Rates do not include additional artwork services, as required. Photographs should be high resolution at least 300 ppi. Advertising copy should be submitted to the Editor no later than 15 days before the first month of the issue advertising is required to run in. Submit all advertising and payment in full to the editor.

Business Card Advertising. Business cards must be no larger than 2-inches by 3 1/2-inches. Larger cards will be reduced to fit.

Yearly Rates; SCC members: \$20.00 , non-members: \$30.00

Commercial advertising	Yearly Rate	Per Issue Rate
Full Page (8.5" x 11")	\$250.00	\$65.00
1/2 Page	\$140.00	\$35.00
1/4 Page	\$75.00	\$20.00
1/16 Page	\$50.00	\$15.00

Members Classified "Wanted and Parts for Sale" are free, However, they can not be carried over to the next issue unless requested before the Editorial/Advertising Deadlines.

The Bonding Strip Editorial/Advertising Deadlines

Following is a list of Deadlines for submitting material to be printed in future issues of The Bonding Strip

- Volume 1. February - April issue: January 10,
- Volume 2. May - July issue: April 10,
- Volume 3. August - October issue: July 10
- Volume 4. November - January issue, October 10

Send editorial contributions and advertising to the Editor, Preferred media for submissions is by e-mail and or attachment in MS Word® or its equivalent , or by mail on computer disk. Chapter email sccncrs@ncrs.org