

INTAKE MANIFESTO



Arizona Chapter NCRS

National Corvette Restorers Society
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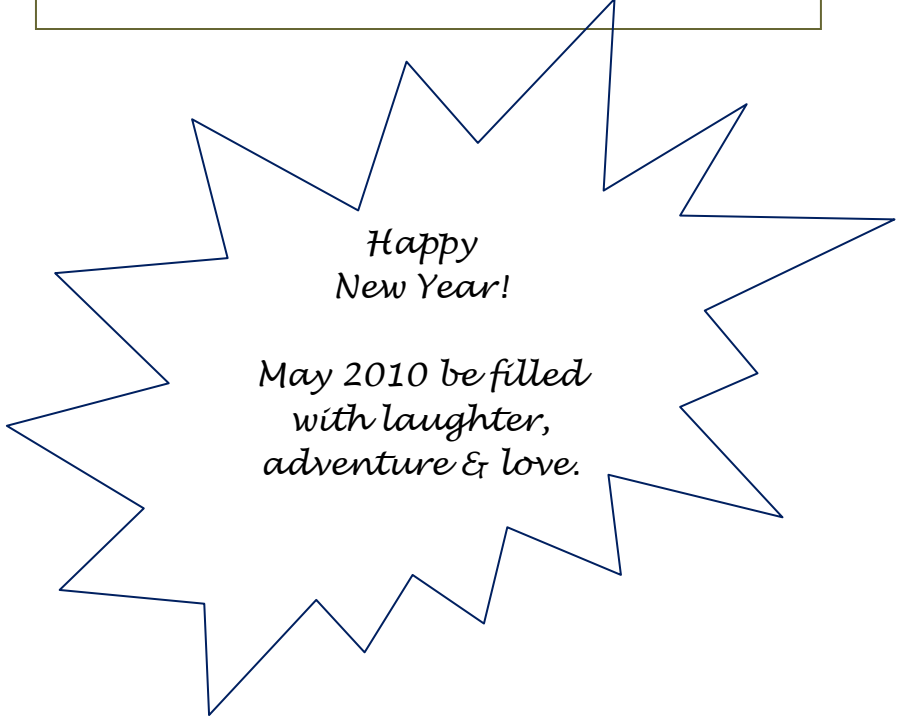
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SAVE THE DATES:

March 20 - Chapter Meet, Chandler

July 13 - July 17, 2010 - National, Concord NC



Happy
New Year!

May 2010 be filled
with laughter,
adventure & love.

New Web Page is Active

Check it out!

Submit your car's photo! (e-mail
Mike with a photo
mjgent@cox.net)

Order chapter apparel!

Stay Current on Chapter Events

Special thanks to MIKE GRAMMOND
and his work on the new web-page
for the Arizona Chapter.

The site address is:
www.arizonancrs.com



Minutes for Annual Meeting
December 13, 2009 Christmas/Holiday
Party, Casa Grande, AZ.

Submitted by Mike Grammond, Secretary

1. Treasurers Report (Dave Barclay)
Current (\$9390.97) Past (\$8642.75)
2. Membership Report (Jack) Current
(164) Past (159)

New Business

1. State of the Chapter report by Tom Barr
A. Chapter continues to grow and is being positively noticed nationally.
2. Two new outside coordinators, Garry Eastwood for Phoenix and Tom Kumisca for the Tucson area.
3. 2012 Regional application submitted.
A. Both March and October time frames were submitted.
4. Last year's support team, Gary Bennett, Cathy Bergman, Jeff Schaufel. The Support Team Award is to recognize members for their effort, help, and support.
A. This year's award was given out to Dave Barclay, Jack Nance, and Michael Grammond
5. Location for Christmas Party for 2010?
A. Most agreed with holding it at the same location: The Property in Casa Grande, AZ although maybe in the larger room.
6. Any other new business?
A. Murray mentioned that his Australia chapter made business cards to hand out to prospective corvette owners that direct them to the chapter website for more info.
A. The chapter raised \$369.00 in the silent auction for next year's charity and the 50/50 raffle made \$72.00 for the chapter.

Have a Merry Christmas and a Happy New Year

Thanks for a great year!

The “Nuts & Bolts of Parkerizing” Nuts & Bolts

Pete Bergmann

As I was busy disassembling my 71, many tasks were uncovered everywhere I turned. Most were straight forward but one that stumped me was how can I efficiently get the aged original, but still good bolts, restored to an as new condition?

Typically, most of the chassis bolts are black phosphate coated. I knew I could send them off for plating, but the thought of mixing all the bolts together, and trusting the vendor not to lose anything was enough for me to do some research. What I found was a process called Parkerizing. It was developed in WWII and is commonly used on gun parts to darken and protect them from rusting. I purchased a kit from calvan.com (Customer Service Phone 602-570-9942)

They have many “kits” to choose from, I chose the large combo kit. It had 8oz of grey and black concentrate along with cleaner and oil.

To set this process up properly you will need the following items:

- A hot plate or stove top (NOTE: This process is not recommended for indoor use)
- A 2 or 3qt. Stainless steel sauce pan (I got one at Goodwill, and it will not be suitable for food afterward)



- Distilled water, one or two gallons
- Measuring cup and strainer/colander device

THE PROCESS:

- First clean the items to be plated, the better you do this, the better your results. I wired wheeled everything (glass bead will work too).
- Degrease all items with lacquer thinner or the included cleaner.
- Soak batch for 10 minutes in a 40% Muriatic acid solution; this is an optional step to remove any left over plating. Note: In the event you are replacing bolts and they are bright zinc, the muriatic solution takes the plating off, you **MUST** be careful to keep it off your hands and body though. (I keep a hose nearby) Rinse thoroughly. Parts will rust real easy now so you need to go right into the next steps....
- Add 2 cups of distilled water to the pan on your cook top and get it as close to boiling as possible.
- Add about 1oz of black or grey solution to the water.
- Add your items, being careful not to overload the pan as you will need to be stirring and mixing up the solution. If you overload the solution you may not get consistent results or it may not be black enough. Make note of the time, there is a big variable here as different bolts take the coating differently.

You will notice that the mix will start fizzing and emitting a slightly acidic steam, that is why you need to set this up outside.



Over the next 10 -20 minutes stir the solution and the parts with another bolt or something steel or stainless. (I used some old needle nose pliers) You need to do this to get an even coating on the items. Occasionally I would pull a bolt out to check the progress. You will learn when you are done; in no case did it take

longer than 30 minutes. From what I understand you cannot leave them in for too long.

Remove the parts from the solution and rinse, I towed off the excess water and the residual heat did the rest. The parts will appear chalky and dark. Don't worry; the final step is to apply the supplied oil to the parts which sets up the finished surface.

The best part of this process is that you can go from a bare bolt to a finished, black coated, original-looking part in under an hour. No waiting for Plating Company or paying expensive lot charges.

The kit I bought worked for approximately 4-5 batches. This was enough to do most of my chassis bolts. The purchased kit was less than the cost of one lot charge from a local plating company.



Figure 1 - Before



Figure 2 - After

Member Want Ads and For Sale:

Restorers: All are in very good shape

Vol 2 Number 1 @ \$40

Vol 2 Number 2 @ \$40

Vol 3 Number 3 @ \$30

Vol 3 Number 4 @ \$30

Vol 4 Number 1 @ \$20

Vol 4 Number 2 @ \$20

1967 and later Spare Tire Lock..B
keyway...good shape, minor scratches, \$50

1963 Early side view mirror...original with
VACO 2G on glass...chrome decent, \$60

Dave Barclay...520-624-0300 or
dbarclay1@cox.net

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Matching Numbers: Original GM Gang Stamp
Rental.
Ed Korte #28888
520-544-9209 edkorte@nwmanage.com

2010 *Upcoming Events*

- January 26nd — AZ NCRS Tucson Regional Meeting
– Golden Corral Rest. 6 PM - Tucson
- February 6th — AZ NCRS Restoration Tech. Seminar
Contact Gary Eastwood (eastwood1@cox.net)
- Feb 20th - Judging School TBA, Gary G. – Tucson
- March 20th- Judging Meet Chandler, AZ

NCRS Arizona Chapter Spring Meet – March 20, 2010

The Arizona Chapter invites you to our annual Spring Meet in Chandler, Arizona, featuring Flight Judging of 1953 through 1996 Corvettes. Join fellow NCRS members at Stellar Airpark for a day of sunshine, spectacular Corvettes, good food, and great friends!

Schedule

Registration Opens	8:30AM
Judges / OJ / Owners Meeting	9:00AM
Judging Begins	9:15AM
Lunch	Noon
Judging Continues	12:30PM
Awards Presentation	4:00PM



Directions

Take I-10 to Loop 202 East – Take exit 51, McClintock Dr. Turn left (North) on McClintock, cross over the freeway and take your first left onto Milky Way. Take your first left (South) on 79th Street go one block and turn right (West) on Kitty Hawk. The address is 4161 Kitty Hawk.

Hotels:

Windmill 3535 W Chandler Blvd, Chandler, AZ - (480) 812-9600
 Comfort Inn 255 North Kyrene Rd., Chandler, AZ - (480) 705-8882

Event Information: www.ncrs.org/arizona or contact Gary Bennett at 480-763-1646 or via e-mail at gbennett732@aol.com

Registration

Registration Fee – spouses included \$ _____

All must register: includes breakfast
 Early Registration (2/20/10 or earlier) - \$ 12.50
 Late Registration (2/21/10 or later) - \$ 20.00

Guests each - \$ 10.00 \$ _____

Lunch \$ _____

Registered Arizona Chapter members - No Charge
 Spouses, guests and Non-AZ Chapter NCRS members (each) - \$ 7.50

I wish to join the Arizona Chapter - \$20.00 \$ _____

\$20 covers the full year membership through Dec, invitations to chapter technical seminars, judging schools, and socials.
Note: You must be an NCRS National member to join.

Flight Judging Entry - \$40.00 \$ _____

All Flight Judging entrants please read the following:

We reserve the right to limit the number of cars being judged based on how many judges are available. The following rules will be used:

- 1) **All entries for Flight Judging will be selected based on postmark date starting on Feb. 1, 2010. No entries for Flight Judging will be accepted prior to Feb. 1, 2010. Any entry received prior to this date will be returned.**
- 2) **Entries postmarked after Feb. 28, 2010 will be held as contingency entries, to be judged if space is available.**
- 3) **All entrants will be notified no later than Feb. 28, 2010 of their acceptance for Flight Judging.**
- 4) **All entries must include proof of insurance.**
- 5) **All Flight Judging entrants are responsible for reading the NCRS Judging Reference Manual.**
- 6) **Event will be held rain or shine as Judging area is covered.**

Required Information for Flight Judged Cars

Year _____ Complete VIN _____
 Horsepower _____ Exterior Color (Full Name) _____
 Interior Color _____ Fabric Type _____
 Coupe or Convertible _____ Driven or Trailered _____

Sportsman Entry ('53 – '10 Corvettes) \$ _____

With Ribbon - \$10.00
 Without Ribbon - No Charge

I will...

Help Flight Judge check here _____ Judging Level _____
 Be an Observer Judge check here _____
 Select & Rank Preferences 1st to 4th for Year & Area - Below
 ___ '53 to '62 ___ '63 to '67 ___ '68 to '82 ___ '84 to '96
 ___ Interior ___ Exterior ___ Mechanical ___ Chassis
 Help Tabulate (check here _____)

Note: Judging assignments will be made based on postmark date, so send in your registration early to get your preferences!

Total Fees \$ _____

Make Check Payable to Arizona Chapter NCRS
 No Refunds After February 28, 2010.

Send completed registration form with check to:

Gary Bennett
 11821 S. Blackfoot Drive
 Phoenix, AZ 85044

Registration Information

Name _____
 NCRS Membership No. (From your Driver's label) **REQUIRED** _____
 Spouse/Guest _____
 Address _____
 City/State/Zip _____
 Contact Information (Phone Read) _____
 Contact Information (E-mail Read) _____

I am a current member of NCRS, and 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 of 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, where or located.

Registrant signature required:

Signature _____ Date _____

The mission of the National Corvette Restorers Society:
The National Corvette Restorers Society is a hobby group of 15,000+ families dedicated to the restoration, preservation, history and enjoyment of Corvettes made from the model years 1953 through 1995

We're on the Web!

Visit us at:

www.ncrs.org/arizona

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The Arizona Chapter of the NCRS is sponsored by:
Brown & Brown Chevrolet
125 E. Main St., Mesa, AZ 85201
Contact Rich Paladino (480) 827-3337



Arizona Chapter NCRS

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