



VISION

MAY 2013

VIC HOWARD, EDITOR



THE EDITOR SEZ:

OUR MEETING PLACE FOR MAY IS BACK ON AT OUR OLD STOMPING GROUNDS AT:

DENNY'S RESTAURANT
3081 S. MARYLAND PARKWAY
LAS VEGAS, NV 89109

OUR PREZ SPOKE TO THE MANAGER AND SET IT ALL UP.

ANOTHER SUCCESSFUL PICNIC WAS ENJOYED BY ALL WHO ATTENDED. TAKE A LOOK AT ALL THE RELAXED AND HAPPY FOLKS.



VEGAS VAIRS, CHAPTER 891 OF CORSA, MEETS AT 7:00 P.M.

THE 2ND WEDNESDAY OF EVERY MONTH AT:

**DENNY'S RESTAURANT
3081 S. MARYLAND PARKWAY
LAS VEGAS, NV 89109 (734-1295)**

VISITORS ARE ALWAYS WELCOME!!!!

COME EARLY TO MEET AND GREET !!

ANNUAL MEMBERSHIP DUES ARE

\$10 FOR ALL MEMBERS

**DUE BY FEBRUARY 1ST OF EACH YEAR.THEY MAY BE PAID AT THE MONTHLY MEETING OR
MAILED TO:**

VEGAS VAIRS

WEBSITE: www.vegasvairs.com

P.O. BOX 62925

LAS VEGAS, NV. 89162-1925

OFFICERS:

BOARD MEMBERS

CHUCK HANSON, PRESIDENT

BOB HELT

MEL JACKSON, VICE PRESIDENT

PAUL GREEN

G. HARRY RANSOM, SECRETARY

PAUL BERNARDO

INGRID HOWARD, TREASURER

ADVERTISING IN VEGAS VAIRS VISION:

FREE TO CLUB MEMBERS, \$25 PER YR. FOR BUSINESSES AND NON MEMBERS.

If you wish to submit articles, ads, photos, etc. email the editor at :

vichoward@frontiernet.net

or send it to:

VIC HOWARD

5574 TABLEAU

FORT MOHAVE, AZ. 86426

928-768-6062

RANDOM NOTES FROM THE PREZ



Well, here it is, almost the end of April. When I took over the president's job in March, I was hoping for a smooth transition, since I'm not terribly experienced at this Club President thing. Of course, the first thing that happened was we lost our regular meeting place. We all need a little chaos in our lives, I suppose...Fortunately, Vic and Harry have been out there keeping me out of the mud. Thanks for making me look competent, guys...

I've only been a member of Vegas Vairs for about a year, but one of the best reasons to be here is the camaraderie to be found here. Every meeting I have been to finds us out in the parking lot far longer than we planned, often twisting a wrench here and there for a fellow member, or giving some (mostly) good advice to a new Vair lover. It's good to see this going on; the rest of the world would be a better place with this kind of fellowship...

I went to my first club picnic this month, down at "Mel's Park". Lots of beautiful Vairs were there, and of course, the wrenches and screwdrivers were out in force, not to mention enough tasty food to stuff a herd of buffalo. We even survived the onslaught of a rather nasty typhoon, courtesy of the City of Henderson Parks Dept. sprinkler system.

We have a wealth of knowledge in the club, and it's good to see people mining the brains of the experts, as much as it is to see those same experts give out so much valuable information and experience. This is the kind of thing that will keep the Corvair alive..

It's been fun getting to know everyone; even my rather shy wife, Cyndie, is finding new friends here. We're both glad to be here, and we're looking forward to the next meeting and whatever comes after that.

See you at the Denny's on Maryland Parkway, May 8th. Bring your Vair, your questions and ideas, but most importantly, bring yourself. (I'm bringing a hammer, by the way)....

Prez Chuck.

CORSA Chapter #891 - Vegas Vairs
April 8, 2013 Meeting Minutes

- 1.- Prez Chuck Hanson called the meeting to order at 7:02 pm.
- 2.- One guest was in attendance. He identified himself as "Frank L." and he stated that he was Ernie McKinney's stepson. Club members present numbered 22. They were (in alphabetical order) Paul Bernardo, Vickie Bernardo, John Charaska, Jerry Chocek, Lea Green, Paul Green, Chuck Hanson, Ingrid Howard, Vic Howard, John Merrick, John Miller, Jack O'Shea, Harry Ransom, Sylvia Raymaric, Arlon Sibert, Suzan Sibert, Howard Stoner, Kc Villalobus, Kim Villalobus, Michael Villalobus, Sallie Wentworth, and Steve Wentworth.
- 3.- Treasurer Ingrid Howard reported \$773.02 in the club treasury.
- 4.- The minutes of the March 13th meeting were accepted by vote.
- 5.- Chuck Hanson and Harry Ransom outlined some upcoming activities for the club to consider.
- 6.- It was reported that no renovation was done to the Denny's property we formerly used for our meetings on South Maryland Parkway. Prez Chuck said he would investigate the status during the following week.
- 7.- The annual upcoming spring picnic on the 13th. was discussed in much detail. Pledged food assignments were reviewed. Everyone was reminded to bring their own chairs.
- 8.- Prez Chuck relayed that he STILL has some unclaimed name tags. Huh?
- 9.- It was brought to everyone's attention that Hagerty Classic Car Insurance is actively promoting CORSA. That's good for all 'Vair folks
- 10.- Various "For sale" items were discussed.
- 11.- With no other new business to discuss the raffle was initiated.
- 12.- The formal meeting was adjourned at 7:43 pm.
- 13.- The main "informal" gathering moved to the parking lot for the usual comprehensive car talk.

- - - Minutes submitted by club secretary G. Harry Ransom ("*When do I get flowers on my desk?*")

CORVAIR CYLINDER HEADS SOFTEN IN USE

By Bob Helt

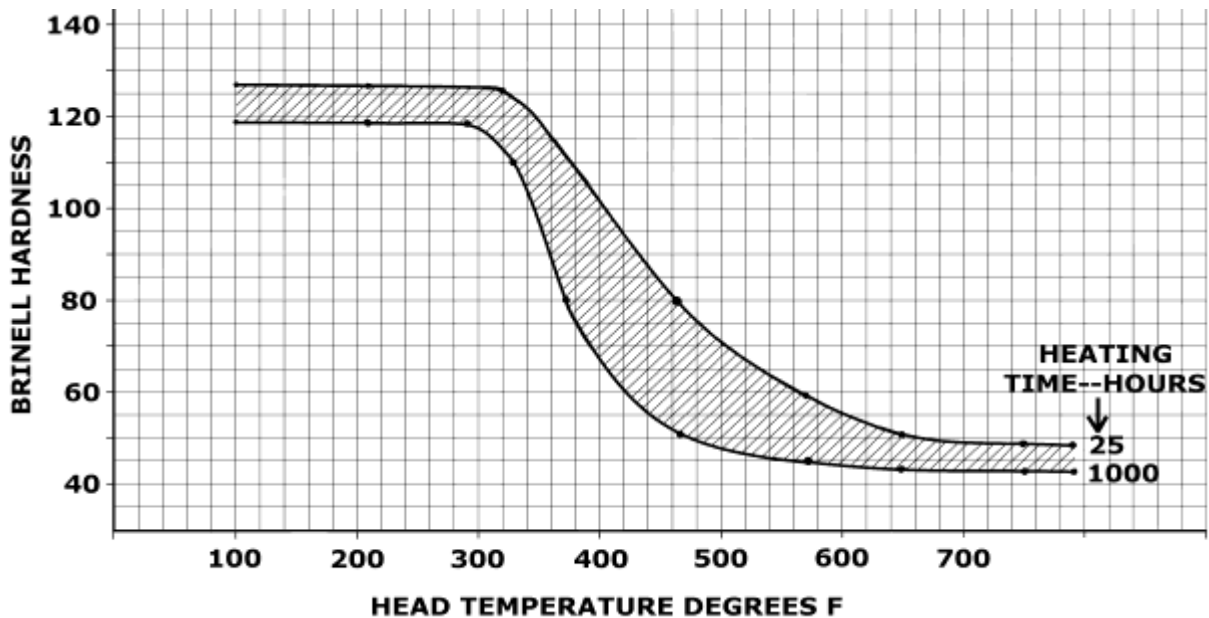
Corvaire cylinder heads were molded from an aluminum alloy known as A365 and hardened to an industry specification called "T6". This hardening was done by a series of heat treatments annealing the aluminum head after molding. First the casting is heated to a temperature of 1000 degrees F (540° C) and allowed to soak for four hours, after which it is cold-water quenched. This is followed by an "aging" treatment at 320 degrees for six hours, after which it is naturally cooled. The casting now achieves a Brinell hardness of around 120 and about 75 Rockwell B.

The critical temperature is the aging temperature of 320 degrees F. As long as operating temperatures never exceed this critical temperature (320° F) the aluminum will retain its initial hardness.

But exposure to elevated temperatures and duration at these elevated temperatures induce a softening of the aluminum.

You will note in the following diagram adapted from Mackerle* that exposure to subsequent high temperatures tends to reduce this initial hardness and soften the aluminum.

Head temperatures in the 465 degree range continued for a cumulative duration of only 25 hours will reduce this hardness to around 80 Brinell (a 30% reduction). Longer exposure or higher temperatures will exacerbate the softening problem. The 1960 SAE report, 140C, showed Corvaire head temperatures exceeding 450 degrees WOT at 60 mph in 100° ambient temperature. And these temperatures ran even higher for the higher horsepower, air conditioned, smog, and turbo engines.



Well, what's wrong with having these heads soften with use? It is bad news. The softer the head material is, the more valve seat retention becomes questionable and loss of valve seats becomes more likely. In addition, temperature variation extremes will likely cause cracks in the heads and other fatigue failures such as bolts and studs pulling out of the head.

Air-cooled aircraft aluminum heads have the same problems and are even more critical in operation.

Thus, complete replacement of these heads is frequently recommended during engine overhauls. Automotive applications using liquid-cooled aluminum heads would operate at much lower temperatures (~230° F max) and never see the critical 320 degree point, and thus will avoid many of these problems.

* "Air-cooled Automotive Engines" by Julius Mackerle, 1961

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A technical maintenance and upgrade manual. 330 pages. \$35+\$8 S&H.

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Major revision adding 70 pages. Things you probably don't know about the design and operation of the Corvair automobile. 250 pages. \$30+\$7 S&H.

--HOW TO IDENTIFY AND REBUILD CORVAIR ROCHESTER CARBURETORS.

Comprehensive non-turbo carburetor rebuild information. 110 pages. \$20+\$5 S&H.

--HOW TO IDENTIFY AND REBUILD CORVAIR CARTER YH CARBURETORS.

Comprehensive turbo carburetor rebuild information. 90 pages. \$25+\$5 S&H.

If interested in purchasing any of these books, please call me, Bob Helt, at 256-2008 or email me at Bobhelt@aol.com for delivery to one of the Vegas Vairs club meetings for no S&H charges.

Check or money order (sorry no Paypal) to:

Bob Helt

3016 Pearl Harbor Dr.

Las Vegas, NV 89117

256-2008

Bobhelt@aol.com



October 25th-27th, 2013
 Sunrise Park Palm Springs, California

*Host Hotel:
 Quality Inn
 1269 E. Palm Canyon Drive
 Palm Springs Ca, 92644



Games - Car Show
 Swap Meet - Food
 Raffles - Great Friends

*Friday Night Welcome Party to be held at Host Hotel
 Bring your Radio Controlled Boat to Race in the Hotel Pool



*Saturday Night Banquet will be held at
 Spa Resort Casino
 100 North Indian Canyon Drive
 Palm Springs, CA 92262



Prices and entry form will be available soon at
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When you place your first order over \$40.00 you get a FREE Catalog as a

40th Anniversary Thank You

(additional catalogs \$3 with an order)

The new Catalog includes parts from the last 5 Supplements as well as 100's of improvements (including better descriptions, more photos & new charts). Changes / additions to over 70% of the pages, this is our most major revision ever.



Clark's Corvair Parts®

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MARTY KATZ

1965 Austin Healy 3000 concours convertible for \$70,000

1963 8 DOOR GREENBRIER. 64 Van Engine (not installed) rust and dent free with all 3 seats, extra parts including doors. \$1500

NOS Corvair Wire Wheel Covers for 64-66 with spinners or 67-69 center caps. \$1000 for the set

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VIC HOWARD

1966 MONZA COUPE

140hp, 4 spd, A/C, Telescopic steering wheel, power door locks, power door windows, Sebring Convertible front seats, new interior, chromed engine sheet metal and many other extras
I'm asking \$7,500 but would entertain reasonable offers. It is a rust free California/Arizona car!



WANTED:

LATE MODEL BUCKET SEATS (PREFER '66 BUT WILL CONSIDER ANY)
THAT ARE IN DECENT SHAPE.

Contact me at my email address, vwh5574@frontier.com or my cel phone, 928-201-8631 if you are interested in either of these Corvairs.

**PLEASE CLIP THESE AND WHEN YOU SEE A CORVAIR PARKED, PLACE
ONE UNDER THE WINDSHIELD WIPER**



HELLO FELLOW CORVAIR ENTHUSIAST!!!!!!!

DID YOU KNOW THERE IS A CORVAIR CLUB IN LAS VEGAS?

IT'S CALLED VEGAS VAIRS AND WE MEET THE SECOND WEDNESDAY OF EACH MONTH AT THE

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