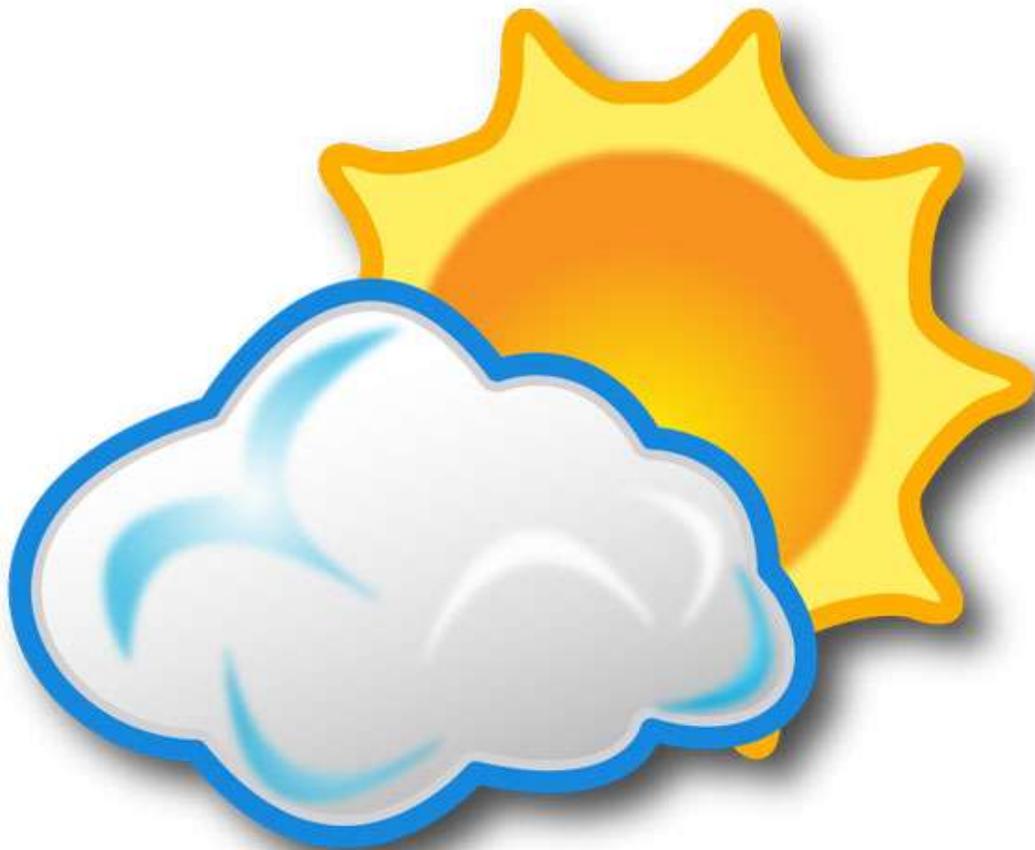




VISION

MAY 2015



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

\$20 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

PAUL GREEN, PRESIDENT

BOB HELT

CHUCK HANSON, VICE PRESIDENT

PAUL BERNARDO

INGRID HOWARD, SECRETARY/ 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 :

VWH5574@FRONTIER.COM

or send it to:

VIC HOWARD

5574 TABLEAU

FORT MOHAVE, AZ. 86426

928-768-6062

FROM THE PREZ:



Hello, Club members, another month has passed, 2015 is moving along. Lea and I have had a busy month, On April 10th to 15th we went to a special draft horse show in Merced, California, up by Fresno. The very large horses were something to see, they were beautifully groomed well trained and amazing to see. There was a 3min time limit for a course that the owners and horses had to perform to be the winner of the events. The course was pulling a wagon through a coned area, then through a wooden bridge to stop with a wagon wheel on a 4' plywood, then make a 360 degree turn without moving the wagon wheel and then back the wagon into a make believe garage. It was amazing to watch these very large horses perform. The owner of this 1,600 acre ranch owned 12 horses, 6 were draft horses, one a cute pony that he used to pull a cart, and some regular horses. He also had three garages full of restored custom cars that he loved. Some of them he took to car shows, one was a Corvair that he is restoring. On the ranch he also had many old pieces of western farm equipment. He also had a real English Royal Carriage that pulled Queen Elizabeth and her family when she was a child.

My friend Lynn Goodfellow had 1912 ferris wheel that he sold to Allen, the farm owner. It was stored in Utah for 40 years. Allen spent 1-1/2 years restoring it. He wanted to have it working for the horse show for his friends and family to ride. Lynn and I spent two days getting it working properly.

(SO NOW I KNOW WHY I WAS INVITED BY LYNN TO GO WITH HIM.)

I hope all who were at the Goodfellows shop enjoyed the tour. (See Harry's photo's)

The engine shop was not together as much as I thought it would be.

We could go again when the dyno is ready.

Our special dinner for the Make a Wish foundation group is at 6:00pm on May 4th at Denny's on Boulder Hwy across from Sams Town, hope to see you all there.

We will still have our regular club meeting at Denny's, on Maryland Parkway on Wednesday, May 13 at 6:00pm.

Paul Green
Vegas Vairs Club President

VEGAS VAIRS - CORSA Chapter #891
MEETING OF APRIL 8, 2015

The meeting was called to order at 7:00pm by president Paul Green.

The treasurer's report by Ingrid Howard, there is a balance of \$321.90.

Paul gave a report of health of member Marty Katz. A fun time was had by all at Paul Bernardo's place in Overton. Thanks again, Paul. Vic had no new updates for newsletter.

Harry had many updates for activities in the coming months. Saturday April 25 activity for a tour of Mr. Goodfellow's large facility will begin with breakfast at Railroad Pass Hotel/Casino at 8:30am then the tour. Monday, May 4, at 6:00pm there is a gathering for dinner at the Denney's across from Sam's Town to meet the fellow who is raising money for Make A Wish foundation. The club is giving a donation of \$100 .

Our regular meeting is May 13 will still take place.

Old business: tee shirts are here. Our member Mike Wade is donating \$3 for every shirt sold to help our treasury. Thanks, Mike.

Paul Green bragged about Bill Peterson's car. It's a beauty.

Presentation by Paul Green on the topic of timing and power and the corvaire engine. Very informative.

Dan Ward would like help in sorting of car parts he has. Please call Dan.

Attendance was super with 24 members and one guest. Yea, team. We adjourned at 7:50pm.

Submitted by Ingrid Howard, Secretary/Treasurer

A Loadside that Floats!

It's a Corvair truck! It's a Corvair boat! It's a Corphibian!



Apparently among the missing for some years, the Corphibian may be in Ohio now and could begin undergoing a restoration.

MANUFACTURING INSIGHTS

BY BOB HELT

LITTLE DETAILS

Chevrolet, when assembling the cylinder heads used a special machine to insert both valve seats and solid valve guides into each chamber of the heated head. Once the head cooled, another special machine simultaneously ground the valve seats to their final dimensions and also drilled the hole in the valve guides so as to have a perfect concentric condition regarding each seat and guide.

But unfortunately, due to manufacturing tolerances, sometimes the fixed relationship between each valve seat and its guide resulted in the guide hole being slightly off-center in the guide. This caused no problems in further assembly or in actual operation since the valve seat was similarly adjusted. However, a problem was likely to occur when, or if, it was necessary to replace a worn valve guide years later. If the hole in the guide was off-center during manufacturing and the replacement guide had a centered hole, later valve grinding would result in an uneven egg-shaped seat contact area for the valve, which then required the seat to be replaced.

Unfortunately, Chevrolet's answer to this problem was to offer replacement valves with larger stem diameters, which could be used after the hole in the original guide was reamed to a larger size to fit the new valve stem. Valves were offered with stem oversizes of 0.003, 0.010, and 0.030 inches to accommodate most worn-guide situations. But now the oversize valves are no longer generally available and problems are often encountered when guides must be replaced. Thus, the best solution to worn valve guides is to install an insert in the valve guide using K-Line, Winona, or similar products.

RAISED OIL LEVEL IN CORVAIR DIFFERENTIALS

Starting in late April 1962, the lube level in all differentials was raised by 5/8" to improve the oiling of the pinion bearing. This was accomplished by raising the filler port in both the differentials and manual transmissions. In addition, the port filler plugs for the differentials and 3-speed manual transmissions were increased in size for visual identification of this change. The differential plug diameter went from 1/2" pipe thread (0.840") to 3/4" pipe thread (1.050") although this increase is somehow not included in the Parts Manuals. The 3-speed transmission plug was changed to a 7/8"-18 (0.875") diameter standard non-pipe thread hex-head bolt and the 4-speed transmission plug remained at 7/8"-18, hex head.

RETENTION BOLTS FOR FLYWHEEL & FLEXPLATE TO-THE CRANKSHAFT HUB

The strange size chosen for these bolts that fasten the flywheel or flexplate to the crankshaft hub raises questions. These bolts are 11/32"-24, a relatively non-standard size. And to make the size even more mysterious, the holes on the flywheel are all 3/8". Why weren't the more common 3/8"-24 bolts used instead? Was the choice related somehow to stopping the seepage of oil past the hub threads? Remember that the common practice is to use some thread sealant on these threads to prevent oil seepage.

140 HP HEADS FLOW THE MOST COOLING AIR

Surprisingly, Chevrolet's cooling air flow data show that the 140 hp heads flow the most cooling air compared to the 80, 110, and 150 hp heads. One might think that with the larger intake and exhaust passageways, the 140 heads might have more air restrictions and flow even less cooling air. Not so.

THE CRANKCASE END OF THE HEAD STUDS

The head studs that enter the crankcase have a special thread to prevent oil seepage past them, since some of these studs actually enter the crankcase and are subject to the oil spray within. This seepage is prevented by selecting the correct size stud whenever work is done in these locations. Replacement studs are available in standard size, and 0.003" and 0.006" oversizes. Always install head studs using anti-seize on the crankcase end.

So how would one know what is the correct size stud to use? The factory's recommended way is by measuring the torque required to install the stud in the crankcase. If the torque is within 10 to 30 ft-lbs, the correct size stud is being used. Oversized studs are used if the torque is less than 10 ft. lbs.

This is for all stud holes that are in good condition and is not for damaged holes or pulled Studs. Damaged threads require an insert to be installed.

FROM THE EDITOR

As President Paul mentioned in his comments, we have committed \$100 to the Make A Wish Foundation fund raising event that Jeff Barrett is making. Jeff is planning a coast to coast drive in his 1965 Corsa. He has numerous media sources that will be with him along the way and some National automotive magazines are planning to present his story. He will also be part of the Route 66 Fun Run where some 800 cars participate in a 140 mile drive of the old Route 66. He plans to leave his home on April 23rd in North Carolina and arrive in Bogada Bay, California on May 9th. Not only will this effort benefit the Make A Wish Foundation with his hope to raise \$100,000 from donations from car clubs and individuals along the way, it will provide great exposure to the Corvair. He is absorbing all his expenses for this trip as his donation to this worthy cause.

Anyone wishing to make a personal donation in addition to what our club is committing to, contact either Paul G. or Ingrid H. for information on how to do this. Attached is his itinerary as posted in the March issue of Corvanatics. As you can see, he plans to be in Las Vegas on May 4th.

Prez. Paul has contacted him and arranged to meet with him at the Denny's Restaurant on Boulder Highway across from Sam's Town at 6:00 p.m. for a dinner meeting. The Club will still have our regular meeting on May 13th. Please try to join us for this special meeting with Jeff Barrett and his group.

Bonnie Hillmer of High Desert Embroidery made an offer where we could each proudly display our membership in Vegas Vairs by purchasing shirts, hats jackets and even club patches to put on our favorite clothing articles. The patches are available for a limited time of just \$5.00. I have put access to her website on the links section in our Vegasvairs.com website. Contact Bonnie directly for orders and special pricing she is offering club members.

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One of our members, Mike Wade, also offers tee shirts to club members. He took orders from a number of the members at the March meeting and has delivered them at the April meeting. If you wish to order one, he will be at the May meeting and may have a few extras for sale.

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On Saturday, April 25th, club members met for breakfast at Railroad Pass Casino then drove a short distance to visit Lynn Goodfellows machine shop where he produced large equipment for rock crushing and other machines from "scratch" at his plant. We thank Lynn for his time and his dedication to continue the American standard of innovators and entrepreneurs. Attached are photos provided by Harry Ransom of this visit as well as the visit to the shop who is rebuilding Lynns racecar. Brent, of Insane Power in Henderson gave us a tour of his facility. Quite impressive, hopefully we can return and watch as the do a dyno test on one of the engines he is building. The last three photos below show some of his projects.



Corvair Antics 3/4 2015



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UPDATE COAST TO COAST IN A CORVAIR CORSA COUPE

Jeff Barrett will begin his cruise Carolina Beach, NC with a Kick Off hosted by the Coastal Plains Corvair Club on April 24. His plan is dip his Corsa's tires in the Pacific Ocean at Bodega Bay, CA on May 8. Along the way he hopes to meet up with Corvair enthusiasts. Below is a tentative itinerary of his trip, his real time trip will be covered on Virtual Vairs and Corvair Center Forum. He will be avoiding the interstates where possible. Come join him on the route, just don't slow him down.

As a not subtle hint, if you join him please send in a photo that proves you were there (the perfect photo would have your FC, Jeff's Corsa, you and Jeff, extra points for Jeff's wife Toni).

If you need more information, please contact Jeff at 828-713-1893 or jortplace@charter.net. If you are ready now to help the kids that Make-A-Wish supports, please send checks to Coast to Coast for the Kids, 8 Lynnette Drive, Fairview, NC 28730. Make-A-Wish has 501-C non-profit status and receipts will be issued for tax purposes.

This itinerary is tentative

Date	Time	Place	Event	Host
4/24	9:00 AM	Carolina Beach, NC	Kick Off	Coastal Plains Corvair Club
	12:30 PM	Raleigh, NC	Lunch	
	4:30 PM	Winston-Salem, NC	Dinner	Classic Corvairs of the Triad
4/25	2:30 PM	Knoxville, TN	Meet and Greet	Knoxville Area Corvair Club
	6:30 PM	Nashville, TN	Dinner	Music City Corvair Club
4/26	5:00 PM	Little Rock, AR	Dinner	Arkansas Corvair Club
4/27	1:00 PM	Oklahoma City, OK	Lunch	Central Oklahoma Corvair Club
4/28	6:00 PM	Albuquerque, NM	Dinner	Corvairs of New Mexico
4/30	6:00 PM	Flagstaff, AZ	Dinner	Northern Arizona Corvair Club
5/1-3		Route 66	Fun Run	
5/4	6:00 PM	Las Vegas, NV	Dinner	Vegas Vairs
5/7	6:00 PM	San Francisco, CA	Dinner	San Francisco Bay Area Corvair Club
5/8	?	Bodega, Bay, CA	Pacific Ocean	
5/9	8:00 AM	Folsom, CA	Car Show	Corvair Club of River City
5/11	AM	San Francisco, CA	Head Home	

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Activities To Consider (No Entry Fees)

- 1. - May 2nd. - 10:00-2:00 - Electrical Workers Minority Caucus Car Show
4322 E. Bonanza - all makes - awards - 702-349-8365**
- 2. - May 4th. - 6:00 pm - Jeff Barrett Welcome Dinner - Denny's Across From
The Eastside Cannery on Boulder Highway - Corvair Coast To Coast!**
- 3. - May 16th. - 11:00-2:00 - Chapman Mopar Armed Forces Day Show
Free BBQ - All Makes - Trophies - 3175 E. Sahara**
- 4. - May 23rd. - 4:00 pm Start - North Las Vegas Cannery Casino Summer
Of Fun Music Festival & Car Show - 2121 E. Craig Rd.**
- 5. - June 20th. - 8:00-2:00 - Findlay Chevrolet Father's Day Car Show
Free Food - All Makes - Trophies - Rainbow & CC215**
- 6. - June 26th. - 11:30 am - Kingman, AZ. Powerhouse Restaurant - Meet
and Have Lunch With The Interstate Battery's Great American Race
Participants**
- 7. - July 4th. - 11:00-2:00 - Chapman Mopar Car Show - All Makes - Free
BBQ
All Makes - Trophies - 3175 E. Sahara**

FOR SALE ITEMS:

MARTY KATZ 63/64 Spyder Convertible, 95% restored, never any rust, Original silver/blue exterior with black top and interior, runs beautifully Asking \$12,000 or will entertain reasonable offers

N.O.S. 62/63 rear exhaust grill- \$1200

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

MARTY is also doing retail sales of Corvair parts and repairs at his home shop. Contact him at: phone: 702-303-7829 email: martykatz53@yahoo.com

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PAUL BERNARDO Custom built corvair engine/transmission run /test stand for \$450 it would cost well over \$1000 to duplicate and this one is proven. May trade for corvair stuff?
Paul Bernardo 702-398-3972 evesbest

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TWO CORVAIRS RECENTLY CAME UP FOR SALE :

John Miller, who was a Vegas Vairs member, passed away and his wife, Jennifer, is attempting to sell his collection of cars which includes a 1963 Monza Convertible, white with red interior (original), 110 hp with 4 speed transmission. Contact her at 702-595-2926. Asking price is \$4800



ALSO, RuthAnn Garr, in Kingman, Arizona, has a 1963 2 door with 4 speed transmission for sale. The interior is good, body is solid but needs paint, front bumper and the rest of the trim and wheel covers are included. It has been several years since the engine has run and the tires are showing age. Contact her at 707-372-3232 for more information. She is asking \$2000.



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BOOKS NOW AVAILABLE

--THE CLASSIC CORVAIR.

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

--CORVAIR SECRETS.

Major revision adding 70 pages. Things you probably don't know about the design and operation of the Corvair automobile. 250 pages.

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--HOW TO IDENTIFY AND REBUILD CORVAIR ROCHESTER CARBURETORS.

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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
702-256-2008