



VISION



ERNIE MCKINNEY AND HIS 64 CONVERTIBLE

[SEE MORE OF ERNIE INSIDE](#)

FEBRUARY 2013

VIC HOWARD, EDITOR

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

THE 2ND WEDNESDAY OF EVERY MONTH AT:

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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:**

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WEBSITE: www.vegasvairs.com

P.O. BOX 62925

LAS VEGAS, NV. 89162-1925

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ADVERTISING IN VEGAS VAIRS VISION:

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

vichoward@frontiernet.net

or send it to:

VIC HOWARD

5574 TABLEAU

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***HERE'S ERNIE AND A FEW OF
HIS CORVAIRS---ONE OF OUR
MOST LOYAL, ACTIVE AND
FRIENDLY MEMBERS***





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. \$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

THE STRANGE CASE OF THE 1965-67 110 HP (NON-A.I.R.) CORVAIR ENGINES WITH BOTH POWERGLIDE AND A/C

By Bob Helt
Jul 2012

The 110 horsepower Corvair engine with both Powerglide and Air Conditioning available in the 1964 Corvairs was apparently an entirely satisfactory combination causing no known problems. In fact your author owned a Corvair of this year and combination in the hot summers of Phoenix and encountered no drivability or overheating problems.

So it was natural that when the 1965 Corvairs were introduced, this engine and option combination would be carried forward unchanged into the new models. And so it apparently was.

But late in the 1965 model year, May to be exact, something happened. There could have been some kind of bad news from internal engine testing or even from the field or dealer feedback. But whatever happened, Chevrolet Engineering made a significant change to the 110 HP engine using this combination of PG and A/C. Why? We still don't know. But significant and strange were the changes. They called this a "second design" engine.

This second design 110 HP non-AIR engine now would use the lower 8:1 compression ratio 95 HP cylinder heads. Apparently, prior engines were encountering some detonation problems or maybe dieseling at shut down.

But here is the strange part of this new design: they increased the initial or static timing setting from 14 degrees to 24 degrees BTDC. In addition they continued the use of the already standard #1110319 distributor. This meant that the whole spark advance curve was increased by 10 degrees, resulting in a maximum advance of 44 degrees compared to a previous 34 degrees (ignoring any VA effect). This seems excessive: way beyond the maximum best torque point. They

even included a 24 degree timing tab to be used for setting the timing and for identification of these engines. Why was such a large timing advance considered necessary or even desirable? It would seem that this increase in timing would encourage preignition and even more detonation with resulting likely engine damage.

What were they thinking? What were they trying to accomplish? Better cooling? Better drivability? Better fuel mileage? Or what? And Why?

Maybe you are suspecting that some of these facts might be in error due to typos or misinterpretations. But this is unlikely since these specs are stated in several Chevrolet documents and locations. In addition, at least two real life example vehicles have been located, and this timing information verified.

Maybe you have even heard that some 1965-75 vehicles used a timing advance at idle speeds to speed-up the engine for better cooling of a hot engine. But if this was Chevrolet's intention, why did they continue to use the standard distributor and not a different one with a reduction in the centrifugal advance? It makes no sense.

So not knowing Chevrolet's intentions, we can only conclude that this second design is a mighty strange engine.

FROM THE EDITOR



BIRTHDAYS IN FEBRUARY

THE ONLY BIRTHDAY I KNOW OF FOR THIS MONTH IS MY LOVELY WIFE, INGRID.

HAPPY BIRTHDAY LOVE!!!



**2013 DUES ARE DUE NOW! PLEASE PAY THEM AT THE
FEBRUARY MEETING OR MAIL THEM TO THE TREASURER,
INGRID HOWARD (SEE SECOND PAGE OF THIS NEWSLETTER
FOR ADDRESS)**

Mesquite Motor Mania

Here's a picture of Cyndie Hanson and her Ladies Choice trophy, won by popular vote, which came with a \$100 bill. One of 13 cash awards out of 733 cars. Chuck Hanson won the City Hall Dignitary pick. (no money there). Harry Ransom was there with his 67, and Mel came out from Henderson in his Vair on Saturday to check out the action.



LIST OF ARTICLES BY BOB HELT USED IN VEGAS VAIRS VISION

AS MY FIRST TIME AS EDITOR OF A NEWSLETTER, ONE MAN CAME TO MY RESCUE BACK IN 2009. HE HAS SINCE PROVIDED ME WITH MANY ARTICLES TO SHARE WITH YOU. IF YOU WISH TO SEE THEM, THE NEWSLETTERS ARE AVAILABLE ON OUR WEBSITE: WWW.VEGASVAIRS.COM , THANKS BOB.

•	NOVEMBER 2009	RE-USING A CORVAIR CRANKSHAFT
•	DECEMBER 2009	THE YENKO STINGER STORY
•	JANUARY 2010	THE YENKO STINGER STORY PART 2
•	FEBRUARY 2010	(BOB BOEHM HAD PART 1 OF HIS ARTICLE)
•	MARCH 2010	(BOB BOEHM HAD PART 2 OF HIS ARTICLE)
•	APRIL 2010	(JACK O'SHEA HAD AN ARTICLE)
•	MAY 2010	THE CORVAIR TURBO CHARGED ENGINES
•	JUNE 2010	OIL CHANGES (?) I DIDN'T LIST THE TITLE ON THE NEWSLETTER
•	JULY 2010	NONE (VICS ARTICLE ON ONGOING PROJECTS OF MY 1966 MONZA)
•	AUGUST 2010	IDENTIFYING POWERGLIDE TRANSMISSIONS
•	SEPT. 2010	NONE (BOB BOEHM HAD ARTICLE ON HIS FIRST CORVAIR)
•	OCT. 2010	NONE (JACK O'SHEA HAD ARTICLE ON FUEL TANK FILTER)
•	NOV. 2010	OIL PERFORMANCE RATINGS PART 1
•	DEC. 2010	OIL PERFORMANCE RATINGS PART 2
•	JANUARY 2011	ENGINE CODES
•	FEBRUARY 2011	FILLING LIFTERS PRIOR TO INSTALLATION
•	MARCH 2011	TIRE LIFE
•	APRIL 2011	TURBO CHARGER SPARK TIMING RETARD UNITS
•	MAY 2011	PAINTING ENGINE PARTS BLACK TO AID COOLING
•	JUNE 2011	NONE (HARRY RANSOM ARTICLE ON WHITEWALL TIRES PART 1)
•	JULY 2011	TRANSAXLE LUBRICANTS
•	AUG 2011	C ORVAIR TORSIONAL DAMPERS- REVISITED
•	SEPT 2011	CORVAIR VALVE ROCKER RATIOS
•	OCT 2011	THE CORVAIR POWERGLIDE TRANSMISSION
•	DEC 2011	CONDENSOR LOCATION IN AIR CONDITIONING SYSTEMS
•	FEB 2012	CONSIDERATIONS PRIOR TO INSTALLING A PETRONIX 1 IGNITOR
•	MAR 2012	THAT PLASTIC COOLING FAN
•	APRIL 2012	THE CORVAIR BRAKE SYSTEM
•	JUNE 2012	ENGINE COOLING WITH AN ELECTRIC FAN
•	JULY 2012	HORSEPOWER RATINGS
•	SEPT 2012	THE CORVAIR DEVELOPS A FEVER
•	OCT 2012	GEAR LUBE TRANSFER HOLES DIFFERENTIAL-TO-TRANSMISSION-TO- DIFF
•	DEC 2012	CORVAIR IGNITION SWITCHES
•	FEB 2013	THE STRANGE CASE OF THE 65-67 110 HP ENGINE WITH BOTH PG & AC

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Parts and rebuilding services in the Heartland.

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Special promo: 7 mm sparkplug wires \$26.55 in 3 colors. Prices subject to change. Paypal, money orders and credit cards. Discounts to clubs .Looking forward to doing business with y'all!

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See the Supplement for the following:

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VEGAS VAIRS - CORSA CHAPTER #891

Regular Monthly Meeting Minutes

January 9, 2013

- 1.- V.P. Mel Jackson called the meeting to order at 7:06pm.
 - 2.- Three guests were introduced: KC, Kim, and Michael Villalobos. We were pleased to announce that they are our newest club members. Daughter KC drives a slick early model *Vair*.
 - 3.- Regular members in attendance were (alphabetically) Jerry Chocek, Paul Green, Chuck Hanson, Ingrid Howard, Vic Howard, Isaiah Huley, Ronnie Huley, Mel Jackson, Jack O'Shea, Arlon Sibert, Suzan Sibert, Harry Ransom, and Howard Stoner.
 - 4.- Ingrid Howard reported a balance of \$425.83 in the club treasury. However, sales of the *Corvair* calendars immediately put \$90.00 back into the general fund.
 - 5.- Vic Howard took a few moments to honor those club members who regularly contribute to the *Vegas Vairs* monthly newsletter. The most prolific writer honored was, of course, Bob Helt.
 - 6.- I gave a brief activities report with emphasis upon the upcoming huge car show in Mesquite the 17th through the 19th and the open *NASCAR Cup* and *Nationwide* testing at *LVMS* on the 28th & 29th.
 - 7.- Mel repeated the names of club officer candidates who have accepted nominations for the February elections:
President - Chuck Hanson
Vice President - Mel Jackson
Recording Secretary - Harry Ransom
Board Members At Large - Paul Green and Bob Helt
Newsletter Editor (Psuedo Officer) - Vic Howard
Treasurer - Ingrid Howard
Voting will take place on February 13th and the new term of office will begin for these folks during the March 13th meeting.
 - 8.- Next we had to ponder the sad health issues of two members. John D'Angerio has numerous ailments. He sold his yellow *Hank Junior Monza* back to Steve Wentworth. Surgery might be too stressful for him. Ernie McKinney had to accept the news of a return of more cancer. It appears to be an uphill battle. We wish them both the very best and hope that they are as comfortable as possible.
 - 9.- Chuck gave a first hand report about the upcoming Mesquite show. He stressed the fun he's had in the past driving his Ultra Van in the parade with straight headers.
 - 10.- I followed with a report about some special treatment offers from my chiropractor. Mel then relayed new info about chiropractors using some unique electric current devices with patients.
 - 11.- For sale items included (A) Vic Howard's '66 *Monza* coupe with all the custom accessories including power windows, (B) Marty Katz' '63 Spyder convertible and his over-the-top '65 Austin Healy 3000, and Dan Ward's '63 convertible.
 - 12.- We finished with the door prize raffle where Ronnie Huley claimed the 50/50.
 - 13.- Mel adjourned the meeting at 7:48 pm.
- - - - Minutes submitted by club secretary G. Harry Ransom

FOR SALE ITEMS:

DAN WARD

1963 Corvair Convertible, title paperwork in my possession. Car is being sold in mid restoration to cover ongoing medical issues. It is a black on black restoration, completely painted including inside the trunk and the engine compartment. Everything under the car has been replaced with the exception of the front suspension and the gas tank. It is a four speed with an engine that came out of a running early car (mine) and the 4 speed transmission has been professionally rebuilt by Stick Shift City. I have too many new parts from Clarks to list but include: new top and window, new convertible hardware, fuzzies' and rubber trim, new carpet kit and other parts. Further restoration is required but not much. As is at \$4,500.00, call me with an offer. Dan Ward 702/457-8274 or 702/249-1048 or drawnad@embarqmail.com.



ALSO Dan has for sale ----There are two Barbeques for sale; one is a Sonoma By Altima, It has three NEW burners and Igniter's, a Searing Burner, a side burner and a Rotisserie. It is listed on Craig's List with full pictures for \$285.00. The other is a NEW and VERY NICE BBQ System from Kitchenaid. It features two double burners, a huge Searing plate, full size cook top burners and a heavy duty Rotisserie. Then it offers a full featured electronic control system, a warming drawer and more. It sells for 5K on line but since there is a dent in the side of this one, it is only \$2,250.00 or best offer. Craigslist Las Vegas search by phone number is easiest, type 457-8274 then enter in the search box, all my items for sale and they will come up.

MARTY KATZ

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

Used Corvair Wire wheel covers in good condition - \$300.00/set of four

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

3 sets of 175/80 13" whitewall tires @ \$75 per tire

*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

(FOR SALE CONTINUED)

VIC HOWARD

1966 MONZA COUPE

I purchased this car from Herb Berkman (many of you will remember him) in November 2001. I did a complete renovation to this car over the years. Not a restoration since much of it is not stock and is more of an upgrade. It has a 140 hp engine (presently only the primary carbs are on but I do have the secondaries and linkage). It is a 4 speed, has telescopic steering, Air Conditioning, power windows (doors only), power door locks, completely new interior with Sebring Convertible seats with retractable shoulder harness and the drivers seat is also power operated.

In addition it has a custom made rear spoiler, power radio antenna with an am/fm cd radio. There is no rear seat to match the upholstery since I installed speakers in place of them. I would include the original rear seat in the purchase.

The car is white with a black trunk hood and all the stainless trim has been replaced over the years and is in excellent condition. The sheet metal in the engine compartment is chromed and brightens up the area nicely. I just recently changed out the blackened stainless around both the front and rear windshields to stock ones.

There are so many "little" things I have done to it over the years they are too numerous to mention to make it a beautiful driving machine.

I'm asking \$8,500 but would entertain reasonable offers. It is a totally rust free California/Arizona car!

I live in Fort Mohave, Arizona which is across the Colorado River from Laughlin, Nevada.

Contact me at my email address, vichoward@frontiernet.net or my cel phone 928-201-8631.



**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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BUT WE INVITE YOU TO COME EARLY AND BRING YOUR CORVAIR. PLEASE COME JOIN US!!!!



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