

# Heart of America Corvair Owners Association

## *VairCor*



April 2023

Volume

59-4



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## March Meeting

Hopefully someone had pie because our March meeting took place on the 14th. Beyond that, our meeting went something like this:

Member Kevin Koch was present; he and Ada have spent some quality time with family lately and have learned that it takes 55 minutes to change the brake pads on a commercial jet. At least sometimes flight delays aren't boring! Besides Kevin, new member Dave Fuller was in attendance. Dave has jumped all in with the Corvair hobby, as he has not only a '61 Greenbrier but also a '65 Monza 110 coupe. Membership chair Don Wagner also distributed the latest member roster so these are now in circulation.

It was pretty quiet on the committee front, with no major updates from most committee chairs. However, Kat King announced that the Northwest Missouri Street Rods are planning on doing a spring driving tour and HACO is invited. Check our website for dates and details (along with other events on our calendar). Speaking of events, there are a few on the horizon. The Bybee Bash is scheduled for April 1st, the working tech session at the Dawson's on May 20th, and the Dust-off on June 3rd. Scott also mentioned that the SVRA (Sportscar Vintage Racing Association) Speed Tour is in Indianapolis on June 15-18th (the week before the convention) and several Corvairs will be there. Scott Allison and Terry Kalp will be attending.

Following this, the meeting concluded with members chatting about the projects they are doing. Scott Allison has been working on the Coudan and another engine migrated to him for some work. Dominique Allen's **CAR** recently got blasted and Don Cory's motor fell out; wait, what? Dick Berger's hopefully getting his head straight and Michael Kliethermes and Adam Fisher are spending money. Mike Dawson wasn't indifferent on what he's been doing: differentials and transmissions. Gary Jones got seated, Chuck Morris was jamming on the radio, Paul Sargeant "steered" clear of the topic and Bill Bennett loves a clean car! Questions? Ask a member! See you in April.

## HACOA Calendar at a glance

Date	Event
Tuesday, April 11	Monthly meeting, Paul and Jack's Tavern, North Kansas City, MO
Tuesday, May 9	Annual charity auction, Paul and Jack's Tavern, North Kansas City, MO
Saturday, May 20	Working tech session, Mike and Sandy Dawson's, Belton, MO

## President's Tapping

### April 2023

I hope this entry finds everyone doing well. It was great to again see Kevin Koch at the meeting and I pray the good days outnumber the not-so-good days. Barb Wagner is recovering from her fractured arm. It was also fantastic to see Don and Wilma Cory at the meeting reporting that Wilma is recovering well from her recent short hospital stay. I had the opportunity to speak with Mark Whitman mid-March. Connie was diagnosed with breast cancer in February, stage 0 in one and less than 1 in the other. The prognosis is good. She had surgery on the 21<sup>st</sup> which was followed by 5 days of targeted radiation beginning on the 27<sup>th</sup>. Her memory continues to decline. Mark is taking a break from work right now but plans to return to the golf course managing the driving range which is closer to home affording him to take breaks and be at the house with Connie. Please keep our club members in your thoughts and prayers as they move through these obstacles. I do my best to make the rounds at the meeting but please always share member news with me in the event I did not get to personally visit with someone on any given evening.

As was mentioned during the March general meeting, HACOA is stepping up the Christmas event this year and it'll be a night to remember. The board approved the contract with Trezo Mare. Trezo Mare has provided HACOA the use of their fully private Wine Room decorated for the holiday and a great limited menu selection. Cocktail and Social hour will begin at 6pm with a short meeting and 6:30pm. Dinner will be served around 7pm and after dinner we will have a White Elephant Gift Exchange. The event this year is a 4-course plated meal of your selection; appetizer, salad, entree, and desert. Water, coffee, tea, and soda are provided and a cash bar will be available for your alcoholic options. We will provide the limited menu selections which you will make the evening of the event. The cost is \$50 per person. A generous commitment from your club has made this night possible at this special rate for such a fine dining experience and merriment. Treat yourself to this glamorous event to spend time with your Corvair family.

Bill Bennett has accepted the post of Auctioneer for our 2023 May Charity Auction. Please gather up those Corvair parts you will not be using or other things around the house that you believe someone else would appreciate having. We will discuss recipients of the proceeds at the April meeting so please bring your suggestions.

At the time I'm writing this newsletter entry I am looking forward to the annual Bybee Bash scheduled for April 1. Thanks to Fred and Sharon for opening up their home to us again this year. I'm curious to see who will dethrone Tabby Saysoff as the current pool and pinball wizard.

Kat King has invited HACOA to a Spring Tour with the NWMSR (Northwest Missouri Street Rods). The tour will begin at Krug Park, take you through St. Joe, and end up at a shop filled with neon signs and snacks. See the HACOA calendar on-line for details.

Mike and Sandy Dawson have invited us back to their place on May 20, 2023 for a working tech session as well as Linda Mellies has invited the club back again this year for the 2023 Dust Off on June 3, 2023. Stay tuned for details. Keep your calendars free for the King of Kings Car Show on June 4, 2023.

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As a reminder, if you haven't secured your hotel room for the 2023 GPCRUI please do so. The date is Sept 29 thru Oct 1 hosted by COCA. Hotel is Territorial Inn, 2323 Territorial Trail, Guthrie, OK 73044. Call 405-282-2100 and mention the group code "Corvair Club" for \$75/day. No on-line reservation option. Once the event registration form is prepared it will be shared via Facebook and/or at the meetings.

The hotel for the National Convention in the Wisconsin Dells is taking reservations. Please visit the CORSA website for details to make your hotel reservations now if you haven't already. I have no news on the event registration forms or a schedule to date on this event of the GPCRUI.

There have been no additional commitments for the KC Automotive Museum in August. As reported last month Wes Mellies will bring the Latewood, Linda Mellies the Mystery Machine, Travis Bolton a Monza Jr., and Terry Kalp to provide a car. Don Cory may provide the Blown Vair and Super Vair, Dick Berger and Charlie Clark may provide a racecar, Gary Jones may provide his "Pace" tribute, and Adam Fisher may provide his low riding early coupe. Please step up, if you would, to present your work of art at the museum and we can work to make it happen.

The Corvair highlight for my month was spending the day at the Berger Ranch. The clutch on the Spyder has elected to no longer participate in disengagement activities. Dick Berger had another clutch cable so we gave that a shot. Unfortunately the new and existing cable were the same length and after installing the new cable and the tension beyond specs it continues to not attend the disengagement party. At that point we did what we all do, celebrate our attempts and went for lunch and adult libations. Regardless of what got us together for the day it was a fantastic day. Catching up, talking, and laughing made for the perfect day with a great friend. Thanks to Dick for having me up and maybe next time we will be able to complete the project in addition to the comradery.

Be safe and take care of each other and yourself.

Vairy Best Wishes, Scott



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## THE PREVENTIVE MAINTENANCE SERIES

Mike Dawson

### Starter Recondition Tips

When reconditioning Corvair starters over the years I have kept notes from each job for the next since I am always learning new things, either age related issues or human induced issues. The following may be useful if you are planning on your first starter job.

New parts to use: starter drive assembly, solenoid, both bushings, brushes, armature brake washer, gasket between solenoid and nose cone and any hardware items that are badly rusted or worn. The 2023 cost of an overhaul kit is \$80 plus shipping. Reconditioned starters range from \$110 to \$250 plus shipping. Expect to spend a couple of hours on cleaning, checking, replacing and painting to suit.

Bad armatures are rare but can happen. Check that all the segments are tight, not worn excessively and you can also check for opens and grounds as per the shop manual.

The case with its field winding can be checked for shorts and watch for bent, broken and worn brush holders. Check the insulation on the wiring at the brush holders. Sometimes folks assembled them with the pins behind the wire and the wire rubs on the armature.

The end cap bushings are sometimes hard to get out and sometimes they are drilled for oversize bushings. Some can be taken out with a small chisel or carefully with a 5/8 twist drill. Before installing a new bushing check the fit to the end of the armature. Some overseas suppliers have difficulties with precise dimensions as I have found several that were too tight that came in the same shipment.

The yoke that operates the drive is loose intentionally to allow for expansion and wear but check the pivot pin hole fit. You can install them backwards to use a less worn set of contact pads. Be sure the pivot pin is installed from left to right so it will not fall out if the small snap ring breaks or rusts out. I would suggest a light coat of oil on the inside of the solenoid for cars that spend a lot of time in storage because the plating on some of the new solenoids is not great and they rust.

Be sure and use the spring supplied with a new solenoid, they are matched to the winding's which have been reduced. Lightly lube everything that is supposed to move.

Keep in mind that the first five years of shop manual starter pictures are in error. They show a big GM starter which has a different nose, drive and an assist spring. Do not use the assist spring, it was never used on original Corvair starters and finally in '65 they corrected the pictures. There is a picture nearby showing what can happen when that spring is used.

When you are ready to install the solenoid, leave the two case bolts slightly loose, loosely install the transfer strap screw, then tighten the two solenoid screws, tighten the case screws and finally the strap screw.

For additional starter stuff, see PMS 59 & 60 on our website [HACOA.org](http://HACOA.org)

I have kept records of voltage drop and current draw on a test motor I use on all my rebuilds. If you have the ability to check yours on a cold engine you should get close to the following with a fully charged battery: 125-150 amps at 10.5 volts. However, not all engines are alike in compression, so cranking amps will vary. Voltage should stay above 10 for best testing.

Below is a drive assembly that shows what can happen when an unnecessary assist spring is added. The spring jumped into the collar, the fork jumped out of the collar and bent it, resulting in a jammed starter.





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## **Working Tech Session & Front Yard Car Show**

**Saturday, May 20, 2023 12:00 – Until Finished**

**16001 Oakland Ave, Belton, MO**

Take this opportunity to enjoy some great socializing, get to know other members, and most important, take care of any repair or maintenance item you have been contemplating doing prior to the International Convention or the Roundup in September. Come and be comfortable knowing that parts, tools and advice will be available to make sure you can drive home whatever project you take on. There will be a sign up sheet for assistance.

A sample of items that can easily be addressed during the afternoon are: greasing fan bearings, packing wheel bearings (front and rear), carburetor balancing, distributor rebuilding, brake jobs, oil changes, etc. Brake replacement requires turning drums; I can have exchange items ready if you let me know ahead of time. Also available is gas and Mig welding, sandblasting, and glass beading.

The following will be furnished: grill food, service, soft drinks and adult beverage. Please bring a dish or snack to share; grilling begins at 4:00 and spouses are encouraged to attend.

**Please RSVP** to insure food and beverage supply and I will email all potential attendees of any changes.

Mike Dawson 816 322-4057, [mdawson1961@sbcglobal.net](mailto:mdawson1961@sbcglobal.net)

## Classifieds

### The Tool Crib

Club tools for rent

Contact: Ken Ragan

212 Warner Rd, Bonner Springs, KS 66012  
913-422-5778 E-mail: [kenrragan@gmail.net](mailto:kenrragan@gmail.net)

Tool	Deposit	Monthly rental fee
Harmonic balancer puller	\$3.00	\$1.00
Ramps, auto	\$4.00	\$1.00
Torque wrenches		
½ inch drive 20-150 ft/lb	\$15.00	\$2.00
¾ inch drive 100-1000 in/lb	\$15.00	\$2.00
Floor jacks and stands	\$25.00	\$3.50
Ring groove cleaner	\$3.00	\$1.00
Dwell/tach meter	\$5.00	\$1.00
Greaser: Fan and idler bearing	\$5.00	\$1.00
Ken's advice	\$.02	Grain of salt
Hubs: Rear (towing LM PowerGlide)	\$5.00	\$1.00
Pushrod tube extractor	\$10.00	\$2.00

Internally regulated 63  
amp Corvair alternators  
\$85 exchange



Rebuilt harmonic  
balancer  
\$110 exchange  
for a rebuildable  
core

Rebuilt Corvair  
starters with  
solenoid \$105  
exchange



Mike Dawson  
[mdawson1961@sbcglobal.net](mailto:mdawson1961@sbcglobal.net)  
816-322-4057

Professionally rebuilt Corvair clutch disc on a  
welded center Borg & Beck core with a thickness  
of .325" \$55 exchange with same core.

Reproduced end plates for the 12 and 8  
plate oil cooler. These are the two pieces  
of sheet metal that help keep all the hot  
air from the oil cooler moving out the  
bottom instead of back in to the engine  
compartment. \$10 each



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*Helen Moore*  
Handmade Ceramics



816-678-8860  
[hrmoore14@gmail.com](mailto:hrmoore14@gmail.com)

- Dick Berger **still** has several sets of wheels and tires for sale. Most are 14" diameter. Let him know if you're interested. 678-650-4246

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# OUR 50TH ANNIV – 2023

Thanks to the support of 1,000's of Corvair owners over the last 50 years we continue to grow and reproduce more parts every year. Have a great year and enjoy our monthly sales and specials all year-Joan & Cal Clark

**SPECIAL SALES EVERY MONTH-** each month we'll send an email (if you have signed up) and list in a sale section on our Home page [www.corvair.com](http://www.corvair.com)

**FREE 50th MEMENTO gifts with your first order in 2023**

**LIST YOUR CORVAIR FOR SALE- NO CHARGE-** sell your Corvair or a spare you just don't have time for! For all of 2023 we will list it on our website at **NO CHARGE-** check website (Corvairs For Sale)

**CLARK CAR SHOW & PARTS SALES-** See our 2023 supplement or website for more details. We expect around 130 cars, and will offer tours of our buildings including the Upholstery Dept. Slide show by Cal. Parts on sale! **SEPT 16, 2023 - rain or shine**

**2023 SUPPLEMENT-** On our website or as a hard copy -many new repros & updates.

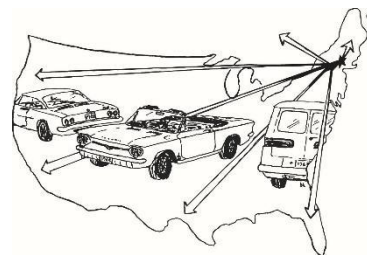
**INTERNATIONAL CORSA CONVENTION -Wisconsin-** We will be there Tues, Wed & Thurs with lots of recent repros on display. Stop by and say hello. Convention dates June 19 - June 24

**CATALOG-** over 450 pages, free with an order, \$8 postpaid in USA

Clark's Corvair Parts  
400 Mohawk Trail  
Shelburne Falls, MA  
01370

413-625-9776

[www.corvair.com](http://www.corvair.com)





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## Classifieds, continued

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### '64 Convertible for sale

A gentleman named Harris Tate is in the process of selling his elderly relative's '64 Monza convertible. It does not appear to have the original engine (110hp?) and the brakes could use some work but it has been repainted at some point. In the past 10 years, it has mainly been driven for short distances to shows in the Topeka area. The car will come with the original engine as well. He's not certain of what price so is entertaining offers. Photos can be found here:

<https://u.pcloud.link/publink/show?code=kZrzEmVZc11SWoC4q4RomoBmTIH0vhoc20vX>

<https://u.pcloud.link/publink/show?code=kZoFvLVZfl3ytNBjRwJ5HdDoNiacHQ4aqjgX>

Youtube video of it running: <https://youtu.be/l1pGthTSHAU>

Harris Tate 785-330-9781

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### 102 Engine for sale

Freshly rebuilt 102 engine if anyone is looking for one (can be brought to events such as the Roundup). The heads were redone with new valves and pistons. Asking \$2500.00 (can provide pictures). Contact: Ray Morales.

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### For Sale: 1965 Corvair Monza Convertible 110 HP/PG

Bill Bicknell, of Rolla, Missouri, has a '65 convertible for sale. New items include: gas tank and sending unit, shift cable (Powerglide), parking brake cable, alternator, and a rebuilt fuel pump. It is rust free but the top is weathered and the rear window needs to be replaced. He also has many extra parts and a car cover. He says to make an offer. 970-218-1352 (call or text).



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## Classifieds, continued

### Parts for Sale

Bob Shellhorn has some parts he would like to sell, including:

3 - 14" 2 bar spinner Corvair wire spoked hubcaps - \$25 each

1 - 13" 2 bar spinner Corvair wire spoked hubcap - \$25

8 - 13" stainless steel LM Corvair hubcaps, most with plastic center caps but of poor condition, \$15 each

3 - LM dash instrument panel with most gauges

chrome trim handles, lots of misc. engine components, carb. bodies, etc.

No blocks, intakes, drive train, or body sheetmetal.

Contact Bob Shellhorn, at [Bshell46@sbcglobal.net](mailto:Bshell46@sbcglobal.net)

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### Parts in Arkansas

Clyde Jones passed away about 3 years ago and his wife Dee Jones is needing to find homes for his many Corvair parts. She is in Harrison, Arkansas. Talk to Gary Jones, Jerry Pentzer, or John Miller for a rundown on what's available; I've heard these folks have visited and have an idea of what she has. Please talk to one of the individuals mentioned before you call her as she has no idea what's there but you may call her to schedule a time to visit at 417-693-2323. Please do not share Dee's number with anyone outside of the Corvair club.

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### For Sale : 1964 Corvair Spyder Coupe \$22,500

Purchased Fall 2015, the engine and body work were completed Summer 2018.

Suspension, brake, and interior work were done through 2020.

It has a '63 transmission with short throw shifter, '64 differential and the 180 HP engine from '66.

The odometer showed 51,200 at purchase and I have put 10,000 miles on it in the 3 1/2 years since the rebuild, both in town and on the highway. Maintained summer / winter oil changes and drained and refilled the transmission and differential Nov 2021.

Aside from the attached work summary, additional work includes rebuilt starter and battery / new back up switch / new bi-metal thermostats replacing bellows system / new headlamps.

I kept a ledger and receipts for work done along with photos available to any interested. This is a car that can go anywhere at any time. Please feel free to call or email with any questions.

Dan Hardin

[dustdevil.dan@gmail.com](mailto:dustdevil.dan@gmail.com)

816-547-0410

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## Classifieds, continued



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### Wilson Liter has the following for sale:

- 140HP engine (code T0223RN). Engine turns over but has not been apart: \$400

Wilson Liter 417-667-6927. [wilsonliter@hotmail.com](mailto:wilsonliter@hotmail.com)

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## **Other Events and Tidbits**

This space for sale, rent, free...or just tell us things you are doing. What do you have?

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### **Remember→ CORSA Membership Perks:**

1) CORSA now has a formal relationship with Mecum auctions! Your membership in CORSA now permits you to purchase the \$200 bidders registration for just \$100!!

2) We have many fresh new items of CORSA-wear now available on our website. [www.corvair.org](http://www.corvair.org)  
<http://www.corvair.org>. We have a new vendor, new artwork and new items. I think you'll be excited about the selection.

3) Please remember, if you have members who are new to CORSA, they will receive a free copy of the "Corvair Basics" book with their paid membership in CORSA.

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### **HACOA birthdays**

<b>April</b>	
<b>Name</b>	<b>Date</b>
Terry Kalp	3
Jim Gately	7
Edye Bruner	8
Dorothy Morris	13
Bill Kiely	14
Linda Reece	15
Gary Jones	17
Greg Osorio	20
Jean Gately	22
Annie Lentz	26