

Heart of America Corvair Owners Association

VairCor



June 2022

Volume 58-6



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May Meeting/Auction

The May meeting tradition continued with our annual charity auction. Despite being held indoors, there was still a great turnout and Taylor West did a great job emceeing. In addition to that, we raised \$1,337.50 for this year's recipient, [Build Trybe](#). They are an organization that provides support to children who are transitioning from foster care and we're happy that we could help!





HACOA Calendar at a glance

Date	Event
Saturday, June 4	Working tech session, Dawson residence, Belton, MO
Tuesday, June 13	HACOA meeting in the park, Sar-Ko-Par Trails Park, Lenexa, KS
Saturday, June 18	MCCA Hot Tuna, Kalp Kompound, Valley Center, KS

President's Tapping

June 2022

It was such a wonderful treat to see that Kevin Koch and John (and Martha) Martin were able to attend the May meeting and charity auction. Spirits were high as I saw the members sincerely enjoying being able to visit with them and remind them, in person, that they are in our prayers. Both still have a long way to go on treatment and subsequent recovery so continue to send blessings and healing prayers in their direction.

I always look forward to and enjoy the May Charity Auction meeting, and this year did not disappoint. The generosity of the club members and guests raised \$1,337.50 which has since been passed along to Build Trybe. There were items donated by Build Trybe for the event and I congratulate the winners of those beautiful items. Thanks to Bill Bennett for providing the sound system and congratulations to Taylor West for a great job at his role as our Auctioneer. Thank you all for your support of the club and the charities we are able to assist.

The Poppies for Patriots car show was canceled not only due to the high probability of unpleasant weather but also because there was a loss in the Legion community. Please keep the members of the Tirey J Ford Post 21 Legion in your thoughts and prayers.

The Dust Off, hosted by Linda, Wes, & Kim Mellies and the June Dawson Tech Session are popular events coming up at the end of May and the beginning of June respectively. I'm hearing there are many interested in the events so I look forward to seeing everyone. I'm anxious to learn who our members deem to be the next Mellie's Cup recipient.

A reminder that our June meeting will be in the park; SAR-KO-PAR Trails at 87th Street and Lackman Road in Lenexa, Kansas. You can enter the park from Lackman or 87th street, our shelter is closer to the 87th street entrance where there is a light to assist with entering and exiting the park. Hoping the weather is nice and we are able to display our cars during the meeting. Please bring along your beverage of choice, there are no limitations other than nothing in glass should be brought to the park.

Kat is still looking for volunteers to assist with some of the many Round Up tasks. Please contact Kat if you would like to assist/provide any of the following: baked goods for the hospitality room, table centerpieces for the banquet, hand out t-shirts, create/present a slide show at the banquet, assist at the start/finish points of the dice run, tally the dice run results, and ideas for the Funkana or assistance in the event itself. The August meeting program will be a "checkpoint" for the Round Up schedule and a time to bring up questions that you may not have brought up to date. If you plan to attend the Round Up I ask that you please register as soon as possible so that we can better plan for events.

Lastly, there are still openings to display your cars during the month of August at the Kansas City Automotive Museum Corvair Only display. So far Gary Jones has offered Barney (64 coupe) and Green Goddess (63 convertible), Helen Moore her 61 Rampside, Chuck & Dorothy Morris their 60 4-door, Mike & Sandy Dawson their Lakewood and/or the late model sedan, Terry

Kalp his Greenbrier, and I've heard talk from Kevin Koch and John & Teresa Miller may have something for the display. In short, it sounds as though we will have an early coupe, early sedan, early convertible, Lakewood, Greenbrier and Rampside. If we are able to get a late model convertible, late model sedan and the Ultravan we would only need a late coupe to round out the Corvair world. That would be 10 cars which is right around the number Roscoe Yoder was hoping for. Please confirm with me if I have listed your name to solidify intentions and expectations or if you would like to display your vehicle and I haven't mentioned your name please let me know.

While on the Museum subject, Larry Sherwood and Chris Green have volunteered to work with Will Smith of the MCCA club to schedule a joint event on Saturday, August 6th. MCCA will drive up to visit the museum and this is a perfect time for the two clubs to get together for lunch and conversation. Please keep this date open on your calendars for a fantastic day of cars, food, and good company.

The meeting in July will conflict with the CORSA National Convention in Peachtree City, Georgia so if you have any ideas for club activities through June or July, and will not be attending the meeting, please feel free to bring them to the June meeting or let me know beforehand. My wish to anyone traveling to Georgia is that they be safe and have a wonderful time with our Corvair friends.

Always check the calendar at hacoa.org or your latest VairCor for up to date events added by Paula Roberts, Chris & Meaghan Green, or myself.

Vairy Best Wishes, Scott

Saturday, June 4, 2022 12:00 – Until Finished

16001 Oakland Ave, Belton, MO

Take this opportunity to enjoy some great socializing, get to know other members, and most importantly, 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

The Preventive Maintenance Series

Mike Dawson

Diagnosing a Fuel Related Problem

Engine running problems (warmed up and off idle) related to fuel will usually give the driver the sensation of no power, reduced power, hesitation, flat spots, or surging. This would be opposed to electrical and mechanical problems that cause individual misses (putt, putt, putt) or harsher bucking or jerking under a load. Fuel problems can generally be divided into two categories: Fuel Delivery and Fuel Management. The following may help with diagnosis of cars & FC with the two carburetor system – some checks can obviously be used on turbos:

Fuel Delivery Problems: The quickest diagnostic tool is to remove a fuel line from a carburetor, push a short rubber fuel hose on to the line and insert it into a container. Crank the engine (coil wire out of the cap and securely grounded) and watch the delivery rate. The book calls for 1 pint in 30 seconds, but if there is a problem you will quickly see only a dribble or a rapid reduction in flow after five seconds. *If delivery is a problem and you have a stock fuel pump*, next remove the inlet line from the fuel pump while leaving the carburetor line still open (necessary for the pump to work) and carefully put your finger over the inlet fitting. Crank the engine and see if the pump sucks your finger in. If it does not, then the pump or the push rod or the eccentric is the problem. If it does suck your finger in, then the problem is in the line from the tank; a plugged pickup, line problem, or no gas in the tank (bad gauge).

Inlet Line Problems: The inability of the pump to draw gas from the tank usually shows up on a long pull in high gear – maximum fuel use and minimum pump action. However, any hole in the inlet line will not allow vacuum to build up and that problem would be evident during cranking, since higher pump speed would create vacuum quicker. Check both original rubber hoses (above starter and at the tank outlet). Gas lines can rust through under the vehicles from dirt and moisture. There is a filter in the gas tank attached to the sending unit. Check it by carefully removing the tank outlet rubber hose over a pan and watch the flow; if the pickup filter is plugged, the flow will drop off or even stop very quickly. A continuous steady flow indicates the filter is good (or missing). Check your gas cap also, **it must be vented**; a non-vented cap will form a vacuum in the tank and prevent flow into the line. A non-vented cap could also allow pressure to build up from cold fuel being warmed.

Remember that the fuel delivery system works by creating vacuum in the inlet line which causes atmospheric pressure in the tank to force fuel to the carburetors. When you are trying to start a car that has no gas in the carburetors, you must allow the pump to create vacuum by continuous cranking. If you crank for five seconds, let off the key and pump the pedal, you allow the vacuum to bleed off and the pump has to start over. A Corvair starter can crank up to 30 seconds continuous before overheating. Usually 10 seconds of cranking will bring fuel, even in an FC, but it must be continuous. A shot of Gumout in each carburetor throat will help, but avoid starting fluid – it is hard on top rings and valve seats.

Fuel Management Problems: If you are confident you have good delivery and yet running problems persist that are definitely related to the carburetors, you have two choices. One is to try to pinpoint and fix a specific problem or the second is to do a carburetor overhaul and do all the neat things such as re-jetting, matching venturi cluster feed holes, adding throttle shaft seals, sealing base gaskets and making all the correct adjustments. If you do not know the history of your carburetors, the comprehensive overhaul is the route to take. Who knows what others before you have done; miss-matched carburetors and missing parts are common and make diagnosis difficult.

Diagnosis can be divided into two directions: a lean running problem or a rich running problem.

Rich conditions usually show up as black exhaust smoke, either at idle or under acceleration, and possibly flooding on startup, or a very low idle leading to a dead engine. Shut off the engine and quickly look down the carburetor throats. If you see continued dripping gas off of the venture cluster then you have a bowl that is too full: check for a sunken float, loose needle seat or the incorrect float adjustment. If you have a late model with power valves in the carburetor, a very rich condition under acceleration will occur if the valve is stuck open or missing.

Lean conditions can occur for a number of reasons. A good test is to use Gumout as an enrichment agent. Gently mist the cleaner over each carburetor at idle and see if the idle increases; if it does, you have a vacuum leak or a carburetor idle circuit problem. Use the same test for under load conditions. Have an assistant hold the brake and load the engine in gear (automatic or clutch) while you apply the Gumout. If the engine picks up, whichever carburetor responds needs attention.

The most common lean conditions are: enlarged PCV orifice ('64 & later) or the wrong (or worn out) PCV valve which becomes just a big leak, leaking rubber hoses at the PCV system, leaking hoses on the crossover tube, leaking carburetor base gaskets, leaking hoses on Powerglide modulator lines, ruptured choke pull-offs, and 140 secondary carburetors with throttle valves that do not close completely. Misting Gumout around vacuum connections can be helpful. One other issue that can mimic carburetor problems is valve adjustment – too tight will cause idle problems; spitting back through the carburetors and actual misses at cold startup.

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

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 grove 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
\$105 exchange
for a rebuildable
core

Rebuilt Corvair
starters with
solenoid \$105
exchange



Mike Dawson
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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816-678-8860
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

Classifieds, continued

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).



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

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.

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
816-547-0410



Seats for sale from a '67 coupe; need to be recovered but good solid frames
Contact Dean Sego at: see_dean_go@hotmail.com



Wilson Liter has several items for sale, including:

- 1966 transaxle, code AA (3.27 non-posi) and V8 bellhousing: \$400
- 140HP engine (code T0223RN). Engine turns over but has not been apart: \$600

Wilson Liter 417-667-6927. wilsonliter@hotmail.com

Other Events and Tidbits

2022 HACO A Dust Off

The 2022 Dust Off is in the books. The gathering was great and thanks to the Mellies for hosting this year. There were 4 early models; Mystery Machine, Green Goddess, Helen's Rampy, and Kit lined up in front of Linda Mellies' house and 7 late models; Dawson's 4-door, Wes' Corsa convertible & Latewood, Lehnen's convertible, Gold Tooth, Don's 4-door, and Michael's coupe lined the front of Wes & Kim's place. I believe the count of members present to be 18.



Linda driving back and forth being the hostess with the mostest; Linda with Don Wagner.



Linda provided hamburgers, hotdogs, pork, Wes whipped up a batch of John's beans and folks brought fruits, salads, and desserts to round out the meal. A couple tech sessions broke out while Mike Dawson assisted Don with a mystery and Wes with his Corsa.

There were 5 members nominated for the Mellies Cup: Michael Kliethermes, Don Wagner, Helen Moore, and Scott Allison. The voting results were in favor of Don Wagner. Congratulations Don and thank you for all you do for the club with the rosters and members with tips and those elusive special parts.

About 2pm, the crowd began thinning. The Mellies and I wish everyone a safe and happy Memorial Day weekend. Thank you for spending a part of your holiday with HACOIA members and a special thanks to Linda, Kim and Wes for all that they put into the event.

2022 Great Plains Corvair Roundup



Registration: <http://www.hacoa.org/index.php/miscellaneous>

Poppies for Patriots Calendars

Bri Schaefer has Poppies for Patriots calendars available for \$15 each. You might catch her at the next meeting or visit their website: <https://midwestpoppiesforpatriots.com/>

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>>. 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.

HACOA birthdays

June	
Name	Date
Johnny Rider 3	3
Corly Allen 6	6
Erin Curtis 16	16
Jerry Pentzer 17	17
John Martin 19	19
Wilson Liter 20	20
Marcia Bolton 24	24
Cliff Carlino 26	26
Kay Conway 26	26
Jerry Lentz 26	26
John Biaggi 27	27