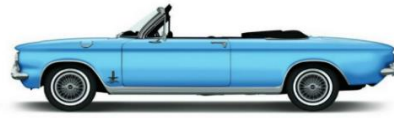




Leaky Seel

Corvair

June 2024



Corvair Minnesota Newsletter

President's message:

June 2024 Presidents page

Let summer begin!

Thank you to everyone who turned out for the Spring car show breakfast. We had 16 cars and 35 guests -one of the largest I've seen since being in the club! We also had a kind neighbor to the venue share a number of pictures he took as well of the cars at the breakfast. (Thanks Thet Oo Maung).

It's almost time for the GMCCA car show at the fairgrounds June 2. I would like to thank all the members that volunteered for a shift at the gate. Look elsewhere in the Leaky Seel for your shift time at the gate.

In addition to GMCCA, don't forget these other events coming in June and July:

- Back to the 50's June 21-23
 - Always a fun event with growing Corvair representation!
- Corsa Convention, Dayton, Ohio July 21-26

I hope everyone had the opportunity to get out and see the northern lights this past month. Our resident photographer Jake Callahan was able to take some great pics of his Corvair and the northern lights. If you haven't checked them out on the group page in Facebook, take a look! I'll bet one might just make it into his Corvair Calendar.

Jake is always at the GMCCA car show taking pictures for his next calendar. Keep an eye on our FB page for a link closer to the end of the year to purchase it.

Reminder- our next monthly meeting is **Tuesday, June 11th** with a Board meeting at 5pm. Food and beverage is available from 5:30 to 6:30 with our meeting starting at 7pm.

See you at the GMCCA car show.

Dave Pedersen

CMI President



CMI Meeting Minutes

May 14th, 2024

President **Dave Pedersen** called meeting to order at 7:00pm sharp.

Opened with the fun fact that last day of Corvair production was 55 years ago today.

David Quinn read our creed. The minutes from last month's meeting were not read and were accepted as printed in the Leaky Seel.

Our very own queen and Director of Treats, **Gail Quinn** was presented with a CMI name tag! If you would still like one yourself, reach out to **Paul Schuler**.

We had no new members in attendance.

Many thanks to **Mike Bednarchuk** for hosting our annual CMI Chili feed and to **Kaye McDaniels** for coordinating food and RSVPs. It was a great day for our carmunnity.

Dave Pedersen awarded our second-place finisher for car showed attended in the 2023 car show season to **Dave Steffens!**

Corvair Car Show and Breakfast is scheduled for May 18th from 8am-12pm.

GMCCA is June 2nd (This is also **Tom Quinn's** birthday!) **Dave P** is hoping to have a few individuals on backup duty if possible. (These positions have been filled as of the release of the Leaky Seel.) **Dan Quinn** provided flyers to hand out for the show for us to distribute. Even if you are volunteered for a shift at the gate, everyone must pay as a spectator. Ensure everyone put on their wristbands at the gate. Setup at the fairground scheduled June 1st at 2pm.

Back to the 50s for our EM member is June 21st - June 23rd. Our official Corvair parking place is designated by the Sky Ride. Many thanks to **Dave P** for registering this space for us last year.

Jim Brandenburg is open for suggestions for our monthly tech sessions. If you have any ideas, please pass them along.

Paul Schuler gave our financial report with no issues to report.

Board of Directors, **Tom Quinn** and **Jim Becker** did not have anything to report this month.

Jim Becker has completed a CMI Welcome letter to distribute to our new members. A welcome packet sent includes this letter and an edition of a Leaky Seel that will provide specific new member information. Thanks to **Jim!**

Upcoming Activity events are occurring June 30th for New Ulm's AutoFest. The plan is to meet at the Fleet Farm in Carver, with the meeting time to be determined. There are also plans to attend the Victoria show on July 10th from 5-8pm. There are not plans to cruise down as a group, or park together for this event. Don't forget the National Corvair Convention in Dayton, OH this year. Dates are July 22nd-July 25th. Lastly, the New London to New Brighton show is August 10th. We will finalize details for this by the June meeting.

For our tech session this month **Jim B** gave helpful driving tips that not only were Corvair specific, but good things to keep in mind as we travel even in our modern vehicles.

Bob Kaczke won our \$5 raffle for this month.

Meeting adjourned at 8:05. See everyone next month!

[Then yummy treats! – ed.]

Amber was not present for this month's meeting so **Ali Long** stepped in to take meeting notes. [Thanks Ali! – ed.]

Amber Leah

Amber Leah,
CMI Secretary

June Birthdays:

- Linda Ackley
- Jerry Berge
- Kevin Martin
- Kay McDaniel
- Gary Nelson
- Tom Quinn
- Nathan Rood



Happy Birthday to you!

As always, let me know if I have missed your name on the Birthday list - Thanks!

Gail Quinn, Director of Treats
Gailquinn263@msn.com



Sooner or Later

In May we talked about safe driving practices. I tried to have a good time with it and hope folks found some things to think about. One thing I forgot to mention is to look as far ahead as possible so you're not suddenly surprised, especially out on the open road. As a car club we really should be all about safety. We used to push folks to have a fire extinguisher in their car but we haven't brought it up much in the last 10 years or so.

I've probably mentioned that I'm trying to downsize my Corvair stuff. I don't know that I'm having a fire sale yet but I'm actively moving some things along. Last year I went from 15 Corvairs to 10 and I'd like to get down to 5 this year. I've sold some used engines after getting them running and disassembled some engines for parts. I'm putting some engines together from good parts I've accumulated over the years and new owners seem to show up before I can get them finished. In a slow process I'm aiming to ease up and fade away. Maybe not tomorrow or the day after but slowly and surely. My surviving kin are not interested in Corvairs. I've had 3 Corvairs in a storage garage for some time now and I've given that up.

The last car I brought home is a '66 coupe I got for free in 1975 as a bare shell; no wheels, no glass, no nothing. I don't know how I managed to store it all these years, I remember wearing out my welcome in a few places including my parents bunk house in Annandale. I did a little work on it in the 70s and had some body work done on it in the 90s. In about 1999 I had a call from the Sheriffs Office saying they had raided the body shop out in the sticks for drugs and I better come get it or they might tie it up with drug money. It's been in epoxy primer for 25 years now. I believe I've found someone who is willing to paint it if we get the body work done. This week we started by trial fitting the trunk lid, headlights, grille and bumper in front and likewise parts in the rear. There were floor pans welded in already but we're closing up some holes and fitting the tunnel pans and such underneath. My associate is better at this stuff than I am. In the 70s I was going to paint it dark green, in the 90s I was going to paint it Aztec Bronze but now I believe I've settled in on silver with a maroon interior. My race car was silver and black so perhaps I can pay homage to that, it was a part of my soul for quite some time. I may get it running with a normal engine and switch to fuel injection soon after. I hope you won't think me crass by sawing the intake manifolds off a pair of NOS 140 heads to weld on 6 tubes. Saving these heads for someday has been folly and someday is now. 2025 will be 50 years that I've had this car and I think I need to get it done by then, anything past that might be considered excessive.

At the June meeting I'd like to talk about oil pressure. All these years I haven't had much trouble with it but it seems to have come up for more than a few of us lately. Most but not all of the variables seem to come up regarding activities in the rear housing. It's not just low oil pressure that's a problem, too much oil pressure can cause a very big mess in a very short time. I'm not sure I'm well versed on oil pressure numbers so maybe we can bandy that about a bit. Perhaps we could touch on motor oil viscosity and zinc.

Funny story, I have a car here now that's had a knocking or rotational sound for more than a few years now. I'm not convinced that it's a rod knocking sound but I did have the oil pressure light flicker at low speed pulling into the garage which gave me pause until I figured out someone has the bulb positions switched in the dash so what I was actually seeing was the generator not charging when the engine was about to stall.

Jim Brandberg

Corvair Minnesota, Vice President

Main Jet Removal Tool

A recent article showed you my Jet Removal Tool but didn't fess-up to the clumsy way it often got stuck - down in the hole. (see pic of hole in which the Jet resides) There's an 1/8" hole in the center of the Jet that centers the original JET-Hole cutter. That hole can be used to guide the Removal Tool if a person can build a Tool with a Pin in the middle of a "screwdriver blade". I tried to find a machinist who would center a hole in the end of an Allen wrench (I have an Impact driver that is 5/16" hex) but failed to find such a machinist. So, I used my Drill press and made a few false starts till I managed to bull my way through and got a hole drilled pretty close to the middle in the end of an Allen wrench. I carved a sheetrock screw down to nearly the size of the hole I had drilled, and set it aside.

I had to take the Temper out of the Allen Wrench to cut/drill/carve it. A



small
cutoff
wheel on
a Dremel
Tool



worked to snip away at the end of that 5/16" Allen till I had a short – Fat – square ended blade aimed right across the hole I had made. It has to be centered as the hole in the Jet is exactly in the center and that lines up perfectly with the slot for the blade of the Tool. You must have each of these ideas in mind as the carving takes place.

A lot of adjusting took place as the Tool and the Jet got closer together. In the end you can see there is such a Tool and it fits into the Jet without sliding sideways and getting stuck down in the Carburetor Bowl. Don't forget to Re-Harden (Quench in oil) the Steel. It was almost as difficult to take the pictures showing the Tool as it was to carve it, but it does fit well into the Jet and snatches the Jet out without binding.



Keep-On-CORVAIRing, *Fran*

42nd Annual General Motors Car Clubs Association ALL GM CAR / TRUCK SHOW AND SWAP MEET



Live DJ playing music

Food vendors on site

Dash plaques to first 500 show vehicles

SUNDAY, JUNE 2, 2024 • 8 AM - 2 PM
MINNESOTA STATE FAIRGROUNDS - MACHINERY HILL

ALL GM CARS/TRUCK WELCOME INCLUDING

**BUICK • CADILLAC • CAMARO • CHEVELLE • CHEVROLET • CHEVROLET/GMC TRUCKS • CORVAIR • CORVETTE
EL CAMINO • GMC/CHEVROLET MINI-TRUCKS**

Spectators: Spectator Gates open at 8:

- General Admission: \$10.00/Adult
- Children under 12: FREE

Show Vehicles: Show Vehicle Gate open

- \$20 Day of Show (includes one passenger)
- Show Vehicles must enter show at Larpen

For Sale Vehicles: For Sale Gate open

- For Sale Vehicles \$25 Day of Show (all makes)
- For Sale vehicles must enter show at Larpen

Swap Area: Swap Gate for swappers open Swap Gate for everyone else

- Swap Space 15' x 20' space: \$25 Day of Show
- Swapper pre-registration send check to: GM
- Swap vehicles must enter show at Randall &
- All makes of parts are welcome!
- Optional Saturday swap setup available from
- Enter CAREFULLY only on Hoyt off of Snelling

Visit links below

www.gmcca.com

www.facebook.com/GMCCAssociation

CMI GMCCA 2024 Volunteer Schedule

Saturday, June 1

Tent set-up, 12:30 lunch, 2pm Fair grounds

Dave P, John H, Tom Q, David Q, John S, Ross M, Gregg P

Sunday, June 2

Gates

7:30-9am

Tom Q, Jim Brandberg, Ali L, Travis L

9-10:30am

Gary N, John H, Paul S, Joyce Ann

10:30-12pm

Jim Becker, Ash A, Eryk

12- 2pm

Mike B, Ron S

Back up, gates

Mike B, Dan F

Park Cars

7:30-9am

Dave P

STATE FAIR RULES PROHIBIT: OPEN FIRES, BBQs AND ALCOHOLIC BEVERAGES. - PETS ON LEASHES ONLY



Located at the Brown County Fairgrounds
New Ulm, MN

CAR & MOTORCYCLE SHOW

SUNDAY, JUNE 30, 2024
9am - 3pm

New Larger Swap Meet Area • \$0 a spot!

- FREE Registration & Admission
- FREE Drawings All Day
- Food and Refreshments
- Model Car Contest- No Charge - Info: David 507-381-1555
- SWAP MEET-\$0 A SPOT! - For Swap info contact
Todd Andrews 507-276-8179, Paul 507-240-7285 or
Mike Tauer 507-404-0414
- PINK LADIES GARAGE For info contact
Jan Deleo 507-276-3313 or Carol Ulrich 507-276-9067

No Dogs, Alcohol or
Bicycles allowed
on Show Grounds!

More than
400 registered
vehicles displayed
each year.

Like us on



facebook

**FREE Calendars &
Can Coolers & More!**
(coolers courtesy of
Citizens Bank MN)
up to 1st **350** participants



AREA CHAIRMAN
OF EXHIBITORS
WWW.NEULM.COM

THANKS TO OUR MAJOR SPONSORS!



Chuck Spaeth Ford



Sleepy Eye - New Ulm



New Ulm & Sleepy Eye



Marikato



Chrysler Dodge Jeep RAM Kawasaki
Subaru VW - The Tuxedo Car Wash



BODE
Collision & Glass
New Ulm



New Ulm



New Ulm



OF LAFALETTE



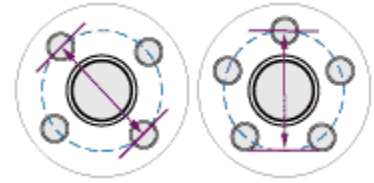
New Ulm



For more information contact Norman Grathwohl: 507-276-6224 or Paul Maday: 507-240-7285

A CORVAIR modification that requires an FC Axle as a Donor

Know your Lug Bolt Circle Diameter...How to measure it. Of particular concern is the diameter of the Lug Bolt Circle on the EM wheels, the LM wheels, and the FC wheels. You need to know they are the same diameter, so that you can believe me when I tell you they are the same! This chart shows you how to make that measurement.



The reason you want to know that these numbers are the same is so you can see there is a way to modify an EM axle to take a LM wheel. Essentially a 5-Bolt wheel on a 4- Bolt axle. An FC donor Axle is the first order of business. It's possible some other Chevrolet axle might do but I'm not certain how to cut one of them.



This is a bare FC axle. Splined on one end to accommodate the Axle Yoke (that mates with the Differential Yoke, using a U-Joint) and flared out on the other end to make a mounting flange for the wheel's lug nuts, etc. the Wheel Bearing has been removed for the photo-op. The FC Axle flange that uses five Lug-Bolts is shown on the right – it also has the Lug-Bolts removed, ready for cutting. Photo shows where to cut the



axle flange (outside of the ridge) giving you a ring of flat steel with five holes in it. These holes will hold the new longer Lug-Bolts needed to reach through the 4-Bolt axle's flange to capture the wheel. Sounds kinda weird to say you cut off the holes!

Now remove the four Lug-Bolts from the Early Axle. To remove the old studs put the Butt end of the mounted stud over the end of a pipe and hit the stud with a sizeable hammer.



Now, using a single Lug-Bolt, attach the Donor Ring to the back of the 4-Bolt Axle's Flange. You will have to line up the two big holes used for mounting the Wheel Bearing to the A-Frame. You know this single bolt will be placed correctly because you measured the Bolt – Circle (above) and are confident of your measurement! When you have the Donor Ring's remaining four holes behind the four-bolt axle flange you can see where to drill holes to allow the new bolts to come through. You do not drill any holes in your new FC Donor Ring! Line up the big Socket Wrench hole used to access the Bearing mounts and slip the new

Lug-Bolt into the one of the Ring's five holes that matches. Reverse a Lug-Nut (flat side in) on that single Stud and secure the two flanges together, snugly. Snug will allow some movement to accomplish the final alignment/centering. Using the Early Wheel Bearing as a rotating mount you can center the 5-Bolt ring on the axle. Better to use a dial indicator so you know you really have the two Bolt circles directly overlapping and centered on the axle! Using the correctly positioned 5-Bolt flange, mark where the additional four holes will be drilled in the Early flange and then drill them slightly over size (at least 0.020") so the new Lug-Bolts won't touch the EM flange as they reach through. Install all five new Bolts and verify all is well. Again, install the nuts backwards. Torque them in. Put some weldment in the empty holes. This is not critical as the five new Bolts will hold this assembly together when you are on the road so no need to worry about the strength of the welding. CAUTION! Do not weld on the new Lug-Bolts as they are now 'properly' mounted in the FC Ring's five holes.



You now have an "Early 5-Bolt Axle" to mount Late 5-Bolt wheels. Use Late hubs on the front if you want all the wheels to be the same! Or not! Just have fun while you keep on CORVAIRing! **Fran Schmit**

Officers			Cell Phone	Email	Cars
President	Pedersen	Dave	612-385-2241	dave14957@gmail.com	65 Coupe (Green), Corvino
Vice President	Brandberg	Jim	763-444-9334	jimbrandberg@aol.com	Several Early, Late & FC
Treasurer	Schuler	Paul	612-327-9085	schuler3wef1@embarqmail.com	64 Monza Coupe (WH/Orange)
Secretary	Leah	Amber	612-251-9498	amber.81.leah@gmail.com	61 Monza (Red)
Activities Director	Long	Ali	763-742-6194	corvairali@gmail.com	63 Corvair Monza
Directors					
	Becker	Jim	214-616-0256	mr.jebecker@gmail.com	67 Coupe (White), '64 Coupe (Brn)
	Quinn	Tom	612-670-9224	tquinn1979@msn.com	63 Convertable (red)
Coordinators					
Technical Editor	Schmit	Fran	952-288-3041	schmfran@hotmail.com	61 Ramp, '66 Coupe
Membership	Jenkins	Mike	763-355-0168	rockinracer@hotmail.com	66 Coupe (yellow)
Apparel	Kaczke	Bob	612-916-8769	bkaczke@gmail.com	66 Corsa (Blue)
SEEL Editor	Herkenratt	John	612-719-4580	jherken@netzero.net	61 Rampside (WH) '66 Conv (Beige)
Treats	Quinn	Gail	612-670-9224	tquinn1979@msn.com	63 Convertable (red)

Some Up-Coming events

June 2

GMCCA, State Fair Grounds 8 a.m. – 2 p.m. CMI event: see Flyer

June 21-23

Back to the 50's, State Fair Grounds

June 30

New Ulm AutoFest, Brown County Fairgrounds damaybe@newulmtel.net

July 22-25

CORSA convention, Dayton OH

July 26,27,28

Little Log House Pioneer Power Show, Hastings 8:00 a.m. – 5:00 p.m.

August 16,17,18

NowThen Threshing Show, NowThen 7:00 a.m. each day

September 15

10,000 Lakes Concours d' Elegance, Canterbury Downs 10:00 a.m. – 4:00 p.m.

October 12

Frankensteiners Ball 19, Isanti County Fairgrounds 9:00 a.m. – 3:00 p.m.

CMI Classifieds

WANTED

Garage storage for 3-6 collector cars preferably in east Washington County (Lake Elmo area?)

I live in St. Paul and I now have cars stored at Rock Creek and this is too far for me to enjoy them. Willing to lease or even build on your land – everything negotiable.

Norb Johnson 612-218-1940

For sale: (All for Late model):

Sedan Rear Glass

Sedan Rear Door Glass

Trunk floor

Front Cowl Cover

Misc Hub Caps

Contact Mike:

rockinracer@hotmail.com

For Sale

1961 Rampside

Engine mileage is 12,000.

The Saginaw Transmission has new Synchronizers in it and the 3.27 Differential is out of a LM inside an Early case.

(The FC axles are bolted through the Diff – to the other side, with appropriate shims)

This truck has many mechanical and electrical upgrades.



Contact Fran: schmfran@hotmail.com or (952) 288-3041

Check us out...



For more information on
Corvair Minnesota,
visit our website:
www.corvairminnesota.com

Follow us on
Facebook:
Corvair Minnesota



514 members

(as of 05/28/2024)

Spot a 'Vair!



Cutaway "cocktail shaker" courtesy John Miller

CMI is a non-profit corporation, chartered with the CORVAIR Society of America. Send CORVAIR Minnesota's \$20.00 annual dues, payable by **January 1st**, to the CMI Treasurer. Membership in CORVAIR Minnesota entitles you to the monthly newsletter, the **Leeky Seel**, with free ads for members, a club window sticker, discounts on club activities, information on parts availability and good advice on the preservation and enjoyment of the CORVAIR automobile. **Yeah!**

THE LEEKY SEEL

408 7th St S

Hopkins, MN 55343-7722

TEMP – RETURN SERVICE REQUESTED



The next CMI meeting will be held on the
11th of June at Ideal Hall in St. Paul