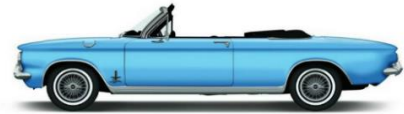




Leeky Seel

Corvair

December 2022



Corvair Minnesota Newsletter

President's message:

You all will be reading this after Thanksgiving; I hope everyone had good food, good times with your family and friends.

Gail and I had the Grandkids and their parents. We had a great Turkey dinner with all the fixings, and of course, Pumpkin and Apple pies for dessert, and the best part, the Vikings won!!!!!! What could be better, what a great Holiday!!!!!

Don't forget about our Holiday party coming up Saturday January 7th. Dave Pederson is waiting for the reservations to come in, also he's setting up the Attendance prizes. Don't forget to send in your reservations.

Our next meeting is December 13th at Ideal Hall, the kitchen closes at 630!

President Tom
Tom Quinn

December Birthdays



- Jim Becker
- Jim Brandberg
- Dan Fritsche
- Stuart Lenzke
- Tom Merkel
- Nick Pederson



Happy Birthday to you!



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

Thanks! **Gailquinn263@msn.com** (Gail Quinn, Director of Treats)

Corvaire Minnesota, Club Information

Meeting minutes

November 8, 2022

President Tom Quinn called the meeting to order @ 7:02.

22 people in attendance.

1 Late Model (Ross McDaniel) showed up on the cold rainy night.

President Quinn brought up the idea, that we begin the meetings for any member to bring up any situation or problem of any Corvaire that needs. Mike mentioned issues regarding his tailgate hinge and removing it.

Dan Quinn GMCCA; We finally received the bill from the state fair which was higher than normal. GMCCA were not charged for the police which saved us about \$1k. The car show had \$21,700 in income. The price of traffic cones as well as tables and were up. The fair is hitting us more and more. Corvaire Minnesota did receive a check of \$1,013... each club made that amount! Let's hope for next year to be better, and more help!

As for the dates for next year's GMCCA show, it's not officially locked in yet. The GMCCA board will decide in January.

Bob Kaczke brought in the clothing items for sell. According to Bob, the breakfast club exceeded more sales than he has all year long.

Elections: As of right now we have 5 officers and 2 directors.

Quinn opened up the nominations.

Director at large 2 year term: No nominations: Dave Pederson

Secretary: No nominations: Amber Leah

Treasurer: Lee Knauf has voluntarily departed from his position and Paul Schuler, has kindly taken his place.

Activities Director: Jim Brandberg is the current feeling a vacant spot. Jim mentioned that he would rather not, but he would continue. No Nominations: Jim Brandberg

Therefore, all of the positions are filled for the year.

Holiday Party is on January 7th. Applications will be going out... \$15 a person. Same time as last year. Dinner was @ 5 pm. Social hour will begin @ 4pm.

Jim Brandberg: Regarding activities, there was a lot of good ideas. There has been talk about possibly visiting a car museum. There was continued talk regarding different activities that we could do in the winter. The Corsa convention will be in Wisconsin Dells in June.

It was brought up that we should have a Chili party night in March in Maplewood. March 18th. @ 4 pm. Confirmation will be within the next few months.

If you want points for the car shows that you attended with your car, please make sure to get a list to Quinn with your name and the shows that you attended.

Chris Hefty (#4) was called for the drawing, we owe him \$5.

Next meeting is December 13th.

Meeting adjourned @ 8:09

Amber Leah

Amber Leah

CMI Secretary



December Activity: Airport Museum

Okay well here I go as your CMI Activities Director. I had been appointed to fill a vacant spot by the BOD but have now been elected to the position despite actively campaigning for a replacement. Despite my reluctance I fully intend to embrace the job. I enjoy getting together with my Corvair buddies and I don't think we need anything especially elaborate to do so. My goal is to have one thing each month we can do beyond the regular monthly meeting. The first thing I'm planning is a visit or tour of the Commemorative Air Force Minnesota Wing in South Saint Paul on Saturday, **December 17** at 9:30 AM. Address is 310 Airport Road Hangar 3 South Saint Paul, MN 55075. <https://www.cafmn.org/visit.html> "Visitors will have the opportunity to get close to our rare collection of military aircraft, view our museum display cases, and see our motor pool vehicles. You may be able to witness our aircraft fly depending on the day. Living History Flight Experiences can be purchased in our gift shop for a once in a lifetime opportunity to actually fly in one of our rare airplanes. Since our hangar and museum are located at an actual operating airport, something interesting is always happening just outside our hangar door." The place comes highly recommended by CMI members who have been there.

For a lunch afterward I've settled on B-52 Burgers and Brew in Inver Grove Heights just a few minutes away. <https://b52burgersandbrew.com/> . Address is 5639 Bishop Ave. Inver Grove Heights, MN 55076. I hope you can e-mail me jimbrandberg@aol.com or call me 763-772-5650 if you plan on attending. We can probably get a tour guide for our group if we know how many people to expect. The restaurant does not take reservations but promise to be very accommodating if we call ahead. I realize folks can be busy with family and friends around the holidays but I hope you can make plans to attend.

On Saturday, **January 7** we have our Holiday Party Dinner at Ideal Hall. Many thanks to Dave Pedersen and Tom Quinn for planning this event and I'm sure looking forward to it. I'm open to suggestions and help planning something to do in February and March. We're planning a caravan to the Roy Bernick's Collection near St. Cloud with help from CMI members Tom and Sue Masso. Plans are to meet in Otsego and be escorted by an air cooled Franklin. This has to be sometime during the fair weather months. A while back I gave details about making reservations at the Chula Vista Resort in Wisconsin Dells for the CORSA convention. There's a special block of rooms with a big discount and the convention will probably never be any closer to Minnesota.

I was thinking about the scope of Corvair Minnesota the other day. Sometimes we're accused of being Corvair Twin Cities but that's not really fair. We do have members across the state and Western Wisconsin as well. We're a lot handier for some folks to attend from across the border these days since we meet in St. Paul. Of course then we're less handy for folks in the Western suburbs, a trip from Rockford through the tunnel can be somewhat daunting in the early evening hours. In the beginning we were called North Central Corvair Association and started as an offshoot of a Corvair club in Fargo. Corvair clubs in Duluth and Eau Claire have come and gone but somehow we have managed to stay together. We have some interesting new members these days but maybe it's always been that way. Change is said to be a good thing.

Jim Brandberg

Corvair Quiz IV Test your knowledge!

- 1) What is one of the nicknames of the Corvair?
- 2) 1960 - 1963 had a specific rear axle... What was it called?
- 3) What Corvair used the same tire pressure all around?
- 4) Who significantly sealed the fate on the Corvair?
- 5) What year was the Corsa discontinued?
- 6) What is the main complaint regarding Corvairs?
- 7) What side of the car is the battery located on a 1960 Corvair?
- 8) Does Corvair use metric or standard bolts?
- 9) How did Corvair get its nickname?
- 10) What was the first year that seatbelts were legally required?

(find answers on page 8)

Corvair Minnesota Officers, Coordinators and Board of Directors

<u>OFFICERS</u>	<u>COORDINATORS</u>	<u>BOARD OF DIRECTORS</u>
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<u>Vice President</u> Gary Nelson corvairnelson@gmail.com (C) 612-644-1258	<u>Club Wear Coordinator</u> Bob Kaczke bkaczke@gmail.com (C) 612-916-8769	<u>2 Year</u> Dave Pedersen dave14957@gmail.com (C) 612-385-2241
<u>Secretary</u> Amber Leah amber.81.leah@gmail.com (C) 612-251-9498	<u>SEEL Editor</u> John Herkenratt jherken1@netzero.net (C) 612-719-4580	<u>Activities Director</u> Jim Brandberg jimbrandberg@aol.com (C) 763-444-9334
<u>Treasurer</u> Paul Schuler schuler3wef1@embarqmail.com (C) 612-327-9085	<u>Member Coordinator</u> Mike Jenkins rockinracer@hotmail.com (C) 763-355-0168	



Corvair Minnesota Holiday Party

Saturday, January 7th, 2023
TST Creative Catering/ Ideal Hall
1494 Dale Street N, St Paul

Social Hour: 4:00 pm – 5:00 pm
Cash Bar is available

Dinner is served at 5:00 pm
Cost is only \$15.00 per person

Dinner options:

Stuffed Chicken Breast
(with Wild Rice & Sausage)
Garlic Mashed Potatoes
Carrots

Roast Beef
Mashed Potatoes
Carrots

Vegetarian Ravioli
Vegetable Medley



All will be served with:

Salad w/ Dressings, Rolls & Butter, and Chocolate Caramel Cake

Questions/directions: call Dave Pedersen @ (612) 385-2241

Mail in your reservation (opposite side)
along with payment of \$15 per person (check payable to CMI) 1
to:

Dave Pedersen
14957 Durant St NE
Ham Lake, MN. 55304





Corvair Minnesota Holiday Party

Saturday, January 7th, 2023

***** Annual CMI Holiday Party Response *****

Name _____ Meal choice: Chicken _____ Beef _____ Vegetarian _____

Name _____ Meal choice: Chicken _____ Beef _____ Vegetarian _____

Name _____ Meal choice: Chicken _____ Beef _____ Vegetarian _____

Name _____ Meal choice: Chicken _____ Beef _____ Vegetarian _____

Name _____ Meal choice: Chicken _____ Beef _____ Vegetarian _____

Cost: \$15.00 per person (make your check payable to CMI)

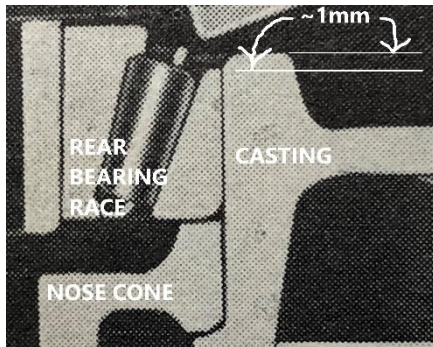
Mail your reservation for the Party no later than December 30th to:

**CMI Holiday Party
Dave Pedersen
14957 Durant St NE
Ham Lake, MN. 55304**



*****Return this part with your check(s)*****

SETTING UP YOUR DIFFERENTIAL



Verify that the Rear Pinion Bearing Race is all the way in - - the front edge of the Race must be below (past) the casting edge, by nearly a mm. This is a critical step which cannot be ignored. **NOTE!** Many folks have been caught on this! Drop Carrier in, long-side first, and install Pinion with Front Bearing loose. Start the two Carrier Side Bearings and center them up so that the Carrier is mating with the Pinion. Work both side Bearings in till the Assembly is snug and nearly functional, check operation by spinning the Pinion. Snug Pinion Bearing to get a little preload on the Pinion...this guarantees the Pinion is centered.

Work-in the short Side Bearing (the book calls it the right side) till nearly all the backlash is gone – you may have to back out the long (left) Side Bearing to accommodate the Carrier's coming over that far. Now (with the left side loose by a Notch or two) turn in the Right Bearing till there is Zero Lash. Turn the Pinion and stop on the high spot. Snug-in the left Side Bearing, just enough to straighten the Carrier but not enough to load the Side Bearings. Back off the Right bearing a half Notch and again find the Ring-Pinion high spot. You won't find this if your Side or Pinion Bearings are loose. When you have found where your high-spot exists with zero Backlash, back out the right Bearing 3-4 notches and bring it back in so that it is one notch loose from your 'above' zero-lash setting.

Now bring in the left (long) Side Bearing till it's snug and TIGHTEN about two more Notches – but less than three! This tightening bends the case in a parenthetical () manner and moves the Ring Gear away from the Pinion, giving you some of that running backlash. Back out the Pinion Front Bearing so there's no pre-load on that Pinion Shaft. Spin the Pinion and you will feel the pre-load on those Carrier Bearings... the preload that you created Parenthetically above.

Measure that preload by how much it takes to turn the Pinion. Tighten the Pinion Front Bearing to preload the Pinion Bearings...when you can feel the drag is more than what you had from the Carrier preload, that will be just about right...so measure the Pinion Preload Torque and see that it is about 5 in-lbs. more than what you had before. Book says this final adjustment adds 4-6 in-lbs. of Pinion Torque to the previously measured Carrier Torque. Be certain to measure the final Torque after you have secured the Adjusting Sleeve Lock Tab – as the Tab can push on the Adjuster and change the preload if the tab is not in there correctly. Just check it, to make certain it stayed where you thought it was.

You can measure the Backlash to see that it is 5-8 mils, but you better use the Paint if you want to guarantee good Gear Mating. The Pictures in the Shop Manual are confusing, but a little Trial and Error practicing will show you which movement causes which Pattern. If you are just "going through -cleaning and resealing" an existing good Differential that had a nice Pattern but now the Pattern is NOT nice – no matter what you do with the Side Bearings, then you may not have fully seated that Rear Pinion Bearing. The preloads will be correct, and the backlash will be correct, but if that Pattern is off (and it wasn't off before) then you better check that the Rear Bearing Race – directly in front of the Nose Cone (Stator Shaft in a PG), is fully seated. See amended Shop Manual Photo above. The Contact-Paint Pattern will tell you to reduce the Shim on the Pinion Bearing (move the Pinion Gear to the Rear) if that Race was not pressed in all the way.

So, measure your Torques (Carrier and Pinion) and paint your gears, is my humble advice. A nice PG Torque Wrench Adapter can be made from a governor drive gear a big Washer and a ¼" socket – see photo. Let's Keep on CORVAIRing, **Fran**



Breakfast and Corvairs

October 22nd, 2022



A few stragglers after breakfast – everyone else is outside!



Answers to Corvair Quiz on page 4:

1) "poor man's Porsche" 2) Swing-axle 3) Rampside 4) GM, with an internal memo that prohibited development work on the car in April 1965 5) 1967 6) Oil Leaks 7) Passenger side 8) Standard 9) They took the front half of Corvette and the last half of Bel Air 10) 1964 These Quizzes are provided by Amber Leah

CMI Classifieds



The El Corvino has been getting attention at car shows and I'm thinking about the next project. I'm looking for a few cars to make another custom Corvair.

I need a station wagon, an early 2 door and an early 4 door, none of which need to run.

The wagon needs to have a good body - nothing else matters, I'm going to put in a 64 suspension, different interior and customize the body.

Send me an email with some information and pics.

Dave Pedersen dave14957@gmail.com

For Sale

4- Auto wheel dollies for moving Vehicles in any direction on 3" roller Bearing swivel casters

\$100 – cash only

Contact Keith at (612) 718-1822



Needs a new home:

Vacuum Pump. 110 V AC. Fittings mate with Freon connectors. Rolls easily on four casters. Free home delivery within reason. Fran Schmit (952) 929-9174 schmfran@hotmail.com



GM Signs and Memorabilia Wanted

Seeking original Chevrolet/GM/Pontiac dealership signage and memorabilia. original NOS parts AC Delco, United motors OK used cars sports dept. etc. looking for stuff in good to excellent condition. cash paid and will pick-up

Chad Blomberg (612) 214-1866 cbinthecloud@icloud.com

I have parted out many Corvairs and have a wide variety of parts.

I now have good used starters. They have been inspected and cleaned up internally and tested on an engine. \$120 for the ones with a new solenoid, \$100 for the ones with original solenoid.

I have a few worn out but not catastrophic failure \$400 core engines for the airplane guys. 65-67.

I have about 20 engines that have not been evaluated. I could do so depending on need.

I've got many transmissions and differentials. Complete front and rear suspension assemblies.

763-FourFourFour-9334

Check us out...



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

Follow us on
Facebook:
Corvair Minnesota



Public group · 296 members

(as of 11/29/2022)

Spot a 'Vair!



Fran's '64 convertible

*CMI is a non-profit corporation, chartered with the CORVAIR Society of America. Send CORVAIR Minnesota's \$20.00 annual dues, payable by Jan 01, 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 December membership meeting will be held on the 13th at Ideal Hall – see you there!