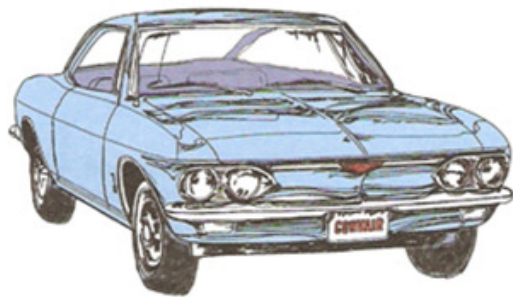


LEEKY



SEEL

CORVAIR MINNESOTA NEWSLETTER

President's Page

To those I have not met yet, I would like to introduce myself as your new club President. I live in Loretto, Minnesota with my wife Chris. I have been in the classic car hobby for the past ten years starting off with British cars - MGBGT, Bugeyes, Midgets, Sunbeam Alpines and a Sunbeam Imp. Wanting to get an American classic car, I chose the Corvair Corsa due to it's great styling and having a very active club in the Twin Cities. I am also active in CORSA and am currently the membership chairman and want to encourage everyone to join CORSA which benefits all of us.

2015 was another great year for the club with nine new members, filled with lots of fun activities and making new friends. I finally found a good home for Flat Bed Fred which is going to a member of the North Texas Corvair Club. Jim Becker was a member of this very same club. I purchased Don Schaefer's Corsa along with a pickup load of parts and was able to get it home while the weather was still mild.

2016 looks to be a very exciting year with lots of great tours in the works. The Auto show will be here in March, Gabe's for breakfast April 30, GMCCA June 5 at the State Fairgrounds, July 4th parade and the National CORSA Convention in Springfield, Illinois July 12-16. The 2015 CORSA convention broke attendance records and the 2016 convention will no doubt top 2015. If you have never gone to a CORSA convention you are missing out on a lot of fun. We had five club members attend last year's convention and I am hoping with the convention only 8 hours away that

January 2016

we can have a lot more attend in 2016. In addition, we are always looking for ideas for meeting locations and interesting places to tour in the upcoming year.

I want to thank outgoing club officers Lee Knauf President and Gary Nelson Vice President for their hard work and dedication over the last five plus years. Thanks to Bill & Carol Cook for organizing our Holiday Party January 10 at Latuff's Restaurant. It was a lot of fun last year and I hope to see everyone there. I want to give a special thanks to John Herkenratt for publishing the Leeky Seel for the past ten plus years, great job!

Jack Bacon
CMI President



CORVAIR MINNESOTA

December 8, 2015

Incoming President Jack Bacon called the meeting to order at 7:30 beginning with the creed. We met at the American Legion in downtown Wayzata as there was a mixup with the MUM. 23 members and Ralph's Diers Riding Mechanic were in attendance. We are pleased our one guest, Heidi Bowers, joined CMI. She has just purchased a '65 which she will be restoring with her 19 year old son who is a mechanic. Welcome Heidi!

October Minutes: Approved as written, with date correction for Holiday party.

Treasurer's Report:	November balance	\$2362
	Income	215
	Expenses	<u>(112)</u>
	Current Balance:	<u>\$2465</u>

2016 Dues now being accepted!

NEW BUSINESS:

Upcoming Activities: The calendar is already filling up. Please give some thoughts to any activities you might like to add to this list! Tentative summer meeting places include Cuzzy's, Wagner's Drive-In, and Minnetonka Drive-In; along with possibility of the Henderson Weekly Car show. We are ACTIVELY SEEKING potential additions/replacements as new locations and events throughout the greater metro area are generally better attended, so give this some thought.

January 10: HOLIDAY DUES PARTY: An encore performance just as in previous years, with the addition of one more entrée selection. As in previous years, the cost is \$20 per person with CMI picking up the balance. Heather has once again promised to be our waitperson.

Our worthy charity remains STEP, so bring toys or \$\$\$. Especially if toys, try to bring to December membership meeting so Fran & Mary can deliver to STEP before Christmas.

Bill & Carol Cook host this wonderful event each year, so get your reservation and payment in as this party consistently garners our biggest turnout of any event!

January 12, 2016: NO CMI Membership meeting at the MUM due to the Holiday Party!

February 9, 2016: CMI Membership meeting at the MUM.

April 30, 2016: Gabe's for breakfast! Potential sights after include Como Conservatory, History Museum (Suburbia Exhibit), or the Model Railroad @ Bandana Square.

June 5, 2016: GMCCA Car Show & Swap Meet at the MN State Fairgrounds.

July 4, 2016: Bill Cook is looking for input on participating in the Delano parade, the Edina parade, something else, or nothing. Last year was a tad light so we need to assess the level or interest before committing.

July 9 – tentative North St. Paul Weekly Car Show: Tom Quinn will attempt to reserve this date as clubs members were enthusiastic about participating again this year.

July 12 – 16, 2016: Corsa Convention in Springfield, IL—10 months to complete your Corvair projects!

TREATS!

Gail Quinn, Jack Bacon, and Heidi Bowers all brought home made treats . . . it was a bit like winning the lottery.

Technical Session:

GARY NELSON brought a cylinder which was split its entire length.

JIM BECKER solved the strange pulley question; the one in question was the precursor to the harmonic balancer.

FRAN SCHMIT brought cardboard cutouts and updated us on the interior updates to his FC.

Meeting adjourned at 8:20.

Respectfully submitted,

Chuck Johnson



Index of 2015 Leaky SEEL Articles

January

Tweeter on Your Flasher
Solution for Your Speedometer
Nader Stops in at Clark's
Pressure Monitor/ Filter Checker
Short Note on Flywheel Balancing

February

2014 Holiday/ Dues Party
CMI Roster
2015 Tentative Schedule

March

A Change In Plans (Fuel Pump)
An Abbreviated Tech Session
Willow Run Factory Brochure

April

February Work Session @ D. Peterson's
Tech Tip: Tie rod Ends
In memoriam: Carol Nelson
In memoriam: Pat Gaynor

May

Upcoming events

June

Adopt A Highway, Spring
Modified Secondaries for a 140
Work Session at Dave Peterson's Shop

July

Serendipity – Oil Pressure Sending Unit
Fixing a Rattle in a Door
Ultra Van Rally in Rochester

August

Independence Day Parade in Delano
North St Paul History Cruze Night
Minnetonka Drive In

September

Dari-ette Drive In
Pertronix
Some automotive prose
In Memoriam: Deborah Leak-Schwert

October

Clem Anton Auction
Threshing show
September Membership meeting
Faraday Roadster
Car Show at Assisted Living in Mtka
Miscellanea

November

Garage residing at Gary's
Happy Birthday Corvaire
Adopt A Highway, Autumn
A Franklin Tour

December

Braking News
Holey FC Gas Tank
Corvairs on the Prairie, Convention notice
New Type Fuel Pump

eSEEL Xtras

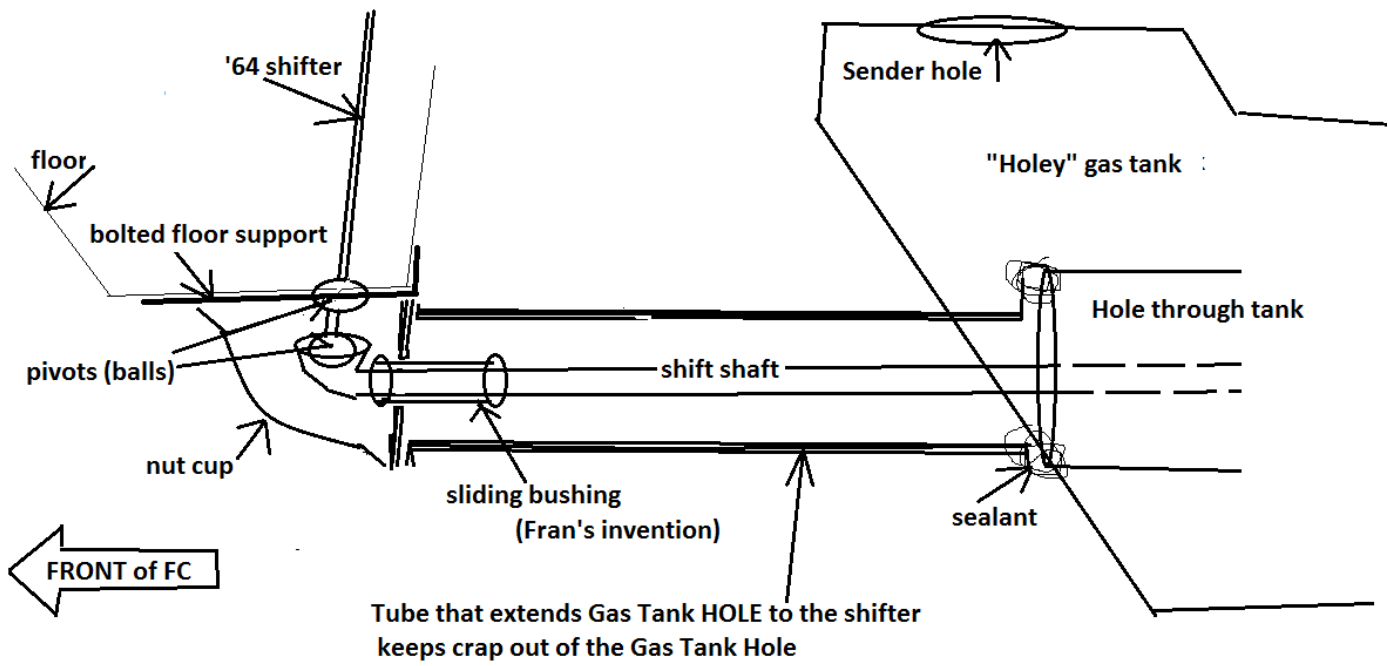
Turbos – March
Unsafe – anniversary – March
Unsafe, 50th Anniversary – March
Dog Awareness – May
Food Drive – May
Packard – May
Story of the Jerry Can – June
Delcotron Adaptor – July
A bit of automotive prose – August
GM Vehicles were all about status – August
FCs for Sale, Anton auction – September
The One That Got Away Returns – September
The Faraday Roadster – October
Lighted Heater Control – November
Museum of Tort Law – November
George Barris – December
Oil Viscosity – December
A Franklin Tour – December



'Advanced Version' Shifter in my '61 FC: The Early version was superseded in mid -'63.

Summary note. The 'shifter is in' and it shifts "mighty good!"

In case some of you don't know (or care) how the 'new' design shifter works I thought I'd draw it out. Here's a sketch of what we put in. First I had to obtain and mount the Holey gas tank, which we have already talked about. Then I moved the Fuel pump (already talked about). Then we (son Peter and I) took out the old shifter and made room for the new guy. The plate in the floor had to be installed next...the plate that holds the new shifter in place is one I had Peter Prudden of the Duluth club cut out of one of his donors and send it down to me. That plate is thick and tough and was held in place by about 30 spot welds, as it was mounted into regular sheet metal which might not take kindly to banging (!) into second gear. In the following sketch I noted 'FRONT' of the FC so you could keep your perspective...it shows the hole of the tank looking straight-up the road and possibly catching 'road-kill', or such. We had to move some brake lines when the tank went in, as it turned out that the lines were exactly in front of THE HOLE. Interesting question came up when I talked about the fuel level sender coming in from the top of the tank. The sender's access hole is over on the passenger side of the tank (17" from the right wheel-well) and THE HOLE is over by the driver's side - so there's room for the float to swing down all the way without hitting THE HOLE. THE HOLE is actually a steel tube secured to "and through" the tank - from front to rear - right in line between the shifter and the tranny. The shift-shaft goes six + feet, straight back, without touching any middle part of the FC.



One of the problems the General had with the 'sticks' was HE put a very small bushing in a thin metal wall on which the shifter rode back and forth and twisted from 4th to 2nd and over into Reverse. The slim little bushings were totally inadequate, so I reversed the logic and secured a long bushing to the shift-shaft (in the cars and the FCs) so that the thin steel wall would rub across a whole lot of (greased) plastic and even if the wear factor is the same it will be spread out over a hundred times the area - therefore lasting a whole lot longer and keeping the tolerances 'snug' for many more tight shifts.

CMI 2016 Schedule

Membership meetings are on the 2nd Tuesday of each month (unless otherwise announced)
Board of Directors' meetings are on the last Thursday of each month (unless otherwise announced)

- January** 08 Holiday/ Dues Party – Latuff's
28 Directors' meeting
- February** 09 Membership meeting – Messiah United Methodist (MUM)
25 Directors' meeting
- March** 08 Membership meeting – @ Twin Cities Auto Show – 2nd floor meeting room, 7 p.m.
12-20 Twin Cities Auto Show, Mps Auditorium (<http://www.tcautoshow.com/>)
31 Directors' meeting
- April** 09-12 GSTA, Coliseum, State Fair Grounds (<http://www.gstarod-custom.com>)
12 Membership meeting
28 Directors' meeting
30 Pancake breakfast – Gabe's in the Park, 9-11:00
- May** Minnesota Inventor's Congress Invention & Idea Show – has ceased to operate:
http://www.twincities.com/localnews/ci_28932033/after-58-years-minnesota-inventors-congress-calling-it]
01 Spring Extravaganza Car Show and Swap Meet, State Fairgrounds,
(www.gopherstatebuick.org)
10 Membership meeting
26 Directors' meeting
- June** **05 GMCCA – State Fairgrounds**
05 10,000 Lakes Concours d'Elegance, Excelsior (<http://10000lakesconcours.com/>)
14 Membership meeting
17-19 Back to the 50's, State Fairgrounds (www.msra.com)
30 Directors' meeting
- July** 04 Fourth of July Parade, Delano – Post Parade Picnic @ the park
07-09 Iola Old Car Show and Swap Meet (Car club day – Sunday)
12 Membership meeting
12-16 CORSA convention, Springfield, IL
15-17 Car Craft Summer Nationals Car show, *moved to Milwaukee*
28 Directors' meeting
29-31 Little Log House show, Hastings (<http://www.littleloghouseshow.com>)
22-24 Kolacky Days, Montgomery, MN (Classic car show 7/23; 9 am-3 pm)
(<http://www.montgomerymn.org/thursday-july-23/>)
- August** 13 New London – New Brighton Antique Auto Run (<http://www.anticuecarrun.org/>)
21 Pantowners Car Show, Benton County Fairgrounds (<http://www.pantowners.org/carshow.html>)
20 Christ's Cross Car and Craft Show, Ham Lake, MN (www.christscrosscarclub.org)



- Sept** 05 Classics by the Lake, Buffalo, MN 10am – 2pm ?
 13 Membership meeting
 29 Directors' meeting
- Oct** 11 Membership meeting
 16 Roadsters Swap Meet, State Fairgrounds (<http://roadsterstwincities.com/>)
 15 12th annual Drive for Kids - 8 a.m. start (<http://bolderoptions.org/events/drive-4-kids/>)
 27 Directors' meeting
- Nov** 8 Membership meeting – MUM (Voters' meeting)
 24 Directors' meeting

Drive-Ins/ Restaurants

Cuzy's,
 Wagner's,
 Peppermint Twist,
 Latuff's,
 Minnetonka Drive In,
 Galaxy Drive In
 Tin Shed
 Fish Tale Grille
 Others??



Activites

Light rail to Big Lake
 Pavek Museum of Broadcasting, St Louis Park
 Duluth to see CAF
 Marshalltown IA
 Bakken Museum, 3537 Zenith Avenue South, (10-5, Tues – Sat)
 Firefighter's Hall and Museum, 664 22nd Ave NE, (9-4 Sat, Weekday by app't)
 - theater/ music events/ other suggestions??

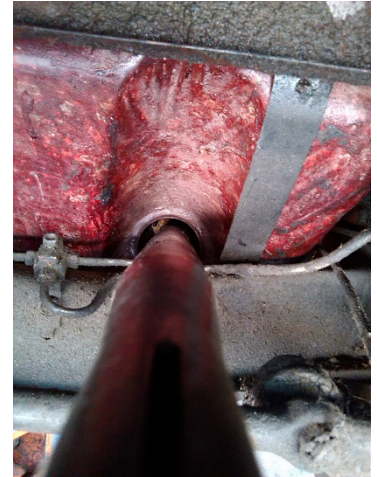
Cruise nights

North St. Paul June 6 – Sept 19, 6pm-10pm (<http://www.historycruzer.com/index.htm>)
 Stillwater – Wednesdays, June, July and August. (<http://www.facebook.com/pages/Cruisin-on-the-Croix.../88830038621>)
 Hastings – May 31 – Oct 4, every other Saturday, 5pm-9pm. (www.hastingsdowntown-mn.com/cruise-in)
 Victoria – every other Wednesday, beginning in June, 5pm – 10pm

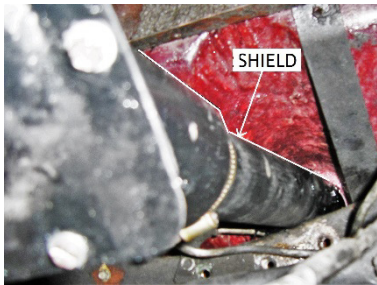
We will continue to highlight other opportunities to show off your classic vehicle around the 'Cities



This is a shot showing how close the new mechanism is to the front cross-member. You are looking straight into THE HOLE. The factory dented the cross-member a bit here for clearance on the later models. The tapped holes shown are from the previous shifter, the one that went 'down-under', which of course was directly in line with the tranny's input shaft. This middle photo (on the right) is a test shot showing how the actual shift-shaft could fit inside THE HOLE. Looks pretty well centered from my view. This does not show



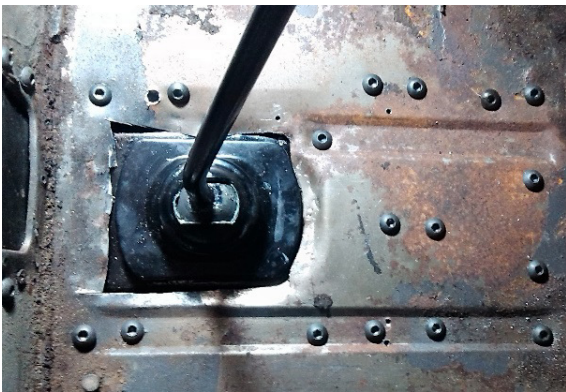
the protective tube that is installed later.



That 'protection tube' is shown here, on the left, in this third view. The tube is the diameter of THE HOLE, surrounding the shift-shaft.

The factory calls it a 'shield'.

The following top view photo of the 'install' shows a couple dozen bolts used to simulate the spot-welds the factory had used. Button head cap screws should be easy to hide under the floor mat. The bottom view shows that I chickened out and put nuts on those threaded in bolts, just in-case. The 'nut cup' that is positioned at the very front of the structure is probably not called that in the manual but it looks almost exactly the same as the 'protectors' fitted to athletic jock straps, and they call it a 'nut cup'. In the shop manual it is just called a cover.



Views of the top and bottom of the new shifter are shown here. We patterned the bolts to approximate the spot welds the factory had put in. The hole in the kick panel used by the first design is visible on the left side of the top view photo. Not only is this a noisy hole but I have to



believe there are also stresses in the body that could be alleviated by properly closing that hole...I see a few more bolts on the horizon!



An underside view of the nut cup shows how it is attached to the protector tube. This cup was/is attached with very small screws as if they felt it was a delicate structure, but it's made out of heavy plate...most of these cups were lost in the old days.

I have to decide on the floor covering now. I will look for something to match the Tahitian Coral body color...wish me luck! Fran

A note from Corvair Minnesota, Southwest branch:

Caught this car at our weekly car show (AKA K-Mart car show, Parking lot by K-Mart) Late Model surface rusted car with a Chevy S-10 Pick Up V6 and rear drive. Car wasn't much to look at. front end higher than rear. Needs Paint and Interior. Hope you all have a great election and a happy Christmas Party. Say "Hi" from the Southwest. *Rich Buratto*

Note: 2 front grill, lower front. S-10 Engine.
Very Minimum chopping to fit.



From the Membership Coordinator:

Please give a warm welcome to new member Heidi Bowers who owns a 1965 Monza that she will be fixing up with the help of her husband David and son, Jonathon.

Thanks Heidi for bringing those delicious cookies to your first meeting!

CMI Classifieds

New: Engine electrical harness, ball joints, Pertronix ignition; headers (110 and 140); custom exhaust; Wallen rebuilt starters generators and alternators; mufflers; rebuilt flywheels; new belly pan for late; crank and rod bearings.
Used parts: complete engines, transmissions, differentials: call for parts – I have a large inventory.
Also: 1969 110hp engine (runs great, sealed & pretty) Rare – aftermarket tube style early air grill – Solid flywheel

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1965 Corvair 110 HP 4 Speed. Nice driver, could use a paint job. Runs and drives good. Email with questions.
<http://minneapolis.craigslist.org/ank/cto/5282513869.html>

I have a **1969 Corvair** two door coupe which is in very good condition. I would like someone to contact me if there is interest as I may sell it. I note that there were only 6000 Corvairs made that year in total. It is royal blue in color and runs great. Awaiting your reply. Thank you.
Gary H. Olson; Moorhead, MN garyholson@702com.net
[218-233-5130](tel:218-233-5130) Cell: [218-790-5130](tel:218-790-5130)

The Corvair Society of America (CORSA) "Founded in 1969 by and for those who still appreciate the Corvair automobile"

Corvair Minnesota strongly encourages all members to become members of the Corvair Society of America (CORSA). Anyone with a fondness of the Corvair automobile will benefit from CORSA membership. In addition, we will all benefit by maintaining a strong national presence to lobby our interests and organize for collective purposes.

Please do not overlook the potential value of a CORSA membership. Try it out for \$45 per year. For more information visit www.corvair.org.

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Spot a 'Vair



Dave Feasel's 1963 double Rampside

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

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TEMP – RETURN SERVICE REQUESTED



*Have a safe and Happy New Year
Remember the Holiday/ Dues party is at Latuff's
and replaces the membership meeting!*