

RUSTY NUTS

December 2021 Issue No. 83 Ellen Zacko - Editor

AUTOMOTIVE/RESTORATION CLUB OF SCW

**Walt Jefferson Member #325
gets a car as payment for remodeling a house
Read his story on page 6**



Rusty Nuts is the Monthly Newsletter of the Automotive/Restoration Club of Sun City West, AZ

BEHIND THE WHEEL

DEAN LEWELLEN, PRESIDENT



Wow, it's December already and where did this year go? While the world around us was going through the ups and downs of recovery from the Covid lockdown, ARC made some big strides forward to remain the best Charter Club of the 104 Charter Clubs in Sun City West.

We maintained our membership at over 600 members; maintained our bank account at over \$90,000; paid \$40,000 to the RCSCW on our building loan; all without being able to hold our biggest fundraiser of the year--our Annual Car Show & Swap Meet last February. Well done ARC Members!

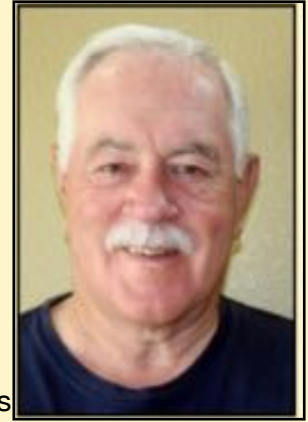
We held drive by events for home bounds, displays for local merchants and clubs, social events for special calendar dates, and pop-up burger burns at the Shop. The Shop stayed busy all year with several long-term member and club project cars completed. Several improvements to the Shop were made during the year as well.

As much as was accomplished in 2021, we all look forward to 2022 as an even better year for ARC. Our 10th Annual Car Show & Swap Meet and the return of the Cactus Derby and Car Games events are being planned right now for your future enjoyment.

As the words of the old Frank Sinatra song remind us--It Was a Very Good Year!

**ARC General Meeting Breakfast
Tuesday December 14
8:30 AM RH Johnson Social Hall**

Founder's Focus A Column by Herb Clark



Life is Good...Time to Celebrate!

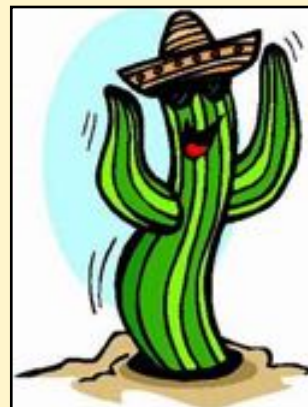
I can hardly believe another year is about to pass. We have made it through almost two years of a terrible pandemic, and finally it looks like we are seeing light at the end of the tunnel. I can truly say that my life has changed and I now value my friends and time even more.

2021 was a big year in many ways for ARC. Dean Lewellen did a great job of leading ARC in this difficult year. I want to thank everyone who helped make ARC what it is today. Last month we celebrated 10 years of being a club to be proud of! My sincere hope is that ARC will continue to be a leader in helping others in and around our community!

I would also like to thank all of the members' who work so hard at keeping the club running! We are the first and only club to build our own building and pay for it out of members donations and community fundraisers. We took occupancy of the John S Chaney Restoration Center in 2016, and in five years we have paid back almost all of the original loan. We still need to continue work to get the paint room paid for. If you have a little money and want to help us pay off the rest of our loan, why not make a donation this year. ARC is a 501c3 charitable organization. For most of you your contribution will be tax deductible. Once we get our debt paid back to the Rec Center, we can do **MUCH MORE** to help out in our community!

The Cactus Derby is scheduled for February 26th and 27th. Gary Masak is planning the training dates for just after the 1st of the year. Each team needs a Driver & a Navigator. Grab a friend or spouse and sign up now. Don't put it off! Get the training and enjoy two days of competition. This event is OPEN to **anyone** and is a fundraiser. For a \$100 entry fee, you get two days of competition and more!

Lastly, Merry Christmas to all! I am sincerely excited to see you all in February! Patty and I plan to spend the month of February catching up with old friends and making new ones! Take care! See you soon!



Dates to remember in December
Friday Farmer's Market
December 10th Lord of Life Parking Lot
ARC needs eight cars for eye candy
Set up at 9:30 and remain until 2:00 P.M.
Surprise Mountain High School Car Show
December 11 8 to 2 PM
Western State Bank Friday December 17
ARC car display
10:00 A.M. to 1:00 P.M.
Pizza, soda and water
ARC General Meeting
Tuesday - December 14th 8:30AM BREAKFAST
Johnson Social Hall

LARC Breakfast
Thursday, December 16 9:00 A.M.
Memo's in the Bowling Alley
No need to reply, just come
and enjoy fellowship
with other ladies of ARC
Remember no fragrances please



10th Annual Car Show Gary Masak - Chairman

Our car show committee is busy working towards making this coming year's car show another great show we will be proud of. We are off to a great start since our one-year hiatus due to the pandemic. Our planning meetings are now on most Tuesdays at Beardsley in the Sagebrush room @ 7:30 am. Meetings in December will be on the 7th, 14th, and 21st.

We welcome all members to participate to support each subcommittee ie, Judging, Parking, Raffle, Set-up, etc. Check out the bulletin board in the shop to sign up.



Downshifting Walt Jefferson (Member # 325) and Jan Klaas



I spent most of my childhood growing up in a suburb of Chicago. I moved to Minnesota as a young teen. I lived in Minnesota for over 30 years, mostly in the little town of Shakopee. Working in the home building trades, in my early 20's, I knew that's what I wanted to do for the rest of my life. In 1979, I started my own business, building and remodeling homes. After visiting friends here in Arizona, I knew this was where I wanted to retire, and in 2001 my wife and I moved here permanently.

I've always been interested in cars and old airplanes, but never had the money to own anything special. My first car was my grandfather's Olds Dynamic 88. It had a big engine that passed up everything but the gas pumps.

I never had a favorite car, just practical trucks and mini vans. One day, when I was remodeling one of my customers houses, he said to me "Walt, I like your work, but I'm running out of money. Would you consider taking this old car I have in the garage as partial payment?" He showed me a worn out rusted 57 Chevy, 4 door Bel Air sedan. We both agreed that in its current condition it was only worth \$2,100.00. I knocked off that much labor off the job, and got the car.

I kept the car for 13 years before I retired and had all the time needed to fix her up. I sold a house and had money to invest in the car, and I bought a house with a garage I could dedicate to working on the car. It took me 4 years of working on the Bel Air, before I had it fixed up and brought back to near original factory condition. Now it's not a car, it's an investment.

I've owned my car for 24 years, and only put on 22,000 miles, due to it being not roadworthy for almost 17 years. I have no intention of getting another car. I've owned 4 different Del Webb homes in the last 20 years, and bought my Sun City West home in 2006. It was here in my garage, that I restored my car.

I'm a full time resident and much prefer the heat here to the cold in Minnesota. I joined ARC fairly early on, and along with a long list of volunteers ,helped design and construct the cabinets and work benches in our shop. ARC is a great bunch of people and I am grateful to know all of them!

The Alzheimers Walk contributed by Jackie Meyers

The Alzheimers walk was held on October 16th at the walking track next to the shop. About 22 members walked, and we also had more donations at the general meeting. We raised \$1160.00 Not bad for our first time. Thanks to all who participated in the walk.



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Farmer's Market

The second Friday of every month there is a car show in the Lord of Life Lutheran Church parking lot corner of RH Johnson and Meeker
ARC provides the eye candy for the Farmer's Market
Check Group Works for more information on how to be a part of this fun event.



**December 10
9:30 to 2:00**



RAFFLE CAR DATES TO REMEMBER

Help Mike sell raffle tickets in December

Saturday December 4 Surprise Car Show

Every Saturday Night from 5 to 9 PM Nancy Perry Productions hosts a car show at 67th and Bell. If any member would like to take the

Corvette to sell tickets at this show contact Mike

He would also like to know the number of remaining unsold tickets. If you have any tickets remaining please call Mike at 815 263 8686



The Sundome Car Show featured 45 cars from ARC and 15 from Corte Bella and Grand. Many raffle tickets were sold.



**West-MEC Car Show
November 20, 2021
ARC had some winners!!**



Art Tice 1970 Chevy Nova 2nd place
and Best of Show

Gary Alwes 1970 Boss 302 Mustang 3rd place



***Memorial Concert
Honoring
Guillermo E. Rivas
December 12, 2021
2:00 - 4:00 PM
Great Lawn***

Ed and Ellen Zacko will be performing a memorial concert for our beloved Memo who passed away November 5, 2021. Memo's many friends are invited to come as we honor his contribution to our community. Please bring your own chair and food/drink to share.




SUPERCHARGING A BRIEF HISTORY BY Dan Kuhl

Supercharging has been around for well over one hundred years. There are three basic types: root, twin-screw, and centrifugal. This article will focus on the history of centrifugal supercharging in American automotive history. But, before the historical review begins, we need to ask why use a supercharger in the first place? It adds increased horsepower to what would be a normal engine and does not suffer the lag-time that occurs with turbochargers (rpm must be increased to get exhaust gases flowing thru the turbo). Other words, a centrifugal supercharger is not as rpm dependent as a turbo. They are also easier to install and maintain, and cheaper to repair than a turbocharger. The biggest disadvantage to a supercharger of this type is low boost pressure at the bottom of the rpm scale. Root and twin-screw on the other hand provide low end performance. Here are some numbers to remember when considering a centrifugal supercharger. It will consume 20% of an engine's total power, but can generate as much as 46% additional power. Turbocharging may work better on a small engine with the loss in power under certain circumstances. Lastly, your engine must be in good mechanical condition before the addition of a supercharger.

Supercharger development began in the late 1800's. However, the first use on a car was on a race car in 1908 that supposedly went 100 mph. The first factory production car was by Mercedes in 1921. After buying the Dusenburg Company in 1925, E.L. Cord introduced the supercharged Model SJ in 1928. Noteworthy for the Cord-produced cars are the exhaust pipes that stick out through the sides of the hood permitting space for the supercharger. The 30's are earmarked by Graham Paige, a manufacturer that sold more cars with superchargers than any other manufacturer, and the introduction of Robert Paxton McCulloch's first supercharger for use on the Ford flathead V8.

There are a couple of points that should be brought to light at this point. First, the superchargers on these early cars were placed between the engine and the carburetor(s), compressing the gas/air mixture (See photo). Second, with the onset of WWII, superchargers were critical for airplane performance. Two planes worth noting are the British Spitfire and the iconic P-38 Lightning, both of which could fly very fast and at high altitudes (Spitfire 47,000 ft.).

Following the War, in 1946 McCulloch moved from its initial factory location in Milwaukee, WI (home of Brooks Stevens, designer of my '64 Daytona) to Los Angeles where it became the mainstay in aftermarket supercharging in the strong southern California hot rod marketplace. It was a bolt-on, belt driven unit that could be used for any automotive application. The McCulloch Model VS57 was developed, the same supercharger used on the 1957 Studebaker Golden Hawk and last Packard automobiles. Also, in 1957 the McCulloch was available from Ford on the Thunderbird and Custom Sedan (very rare, Classic Car Mag, Nov-2021).

In 1953 the VS57 was presented to the public at a huge press release. In 1954 Kaiser grabbed it to improve shrinking sales, and it was planned for use on Packard's concept car the Panther. In 1955 the VS57 was offered as a dealer add on option for the Studebaker Speedster in Los Angeles. A noteworthy appointment at McCulloch during this time was Sherwood Egbert as vice president. By the end of its run, 46,000 VS57 superchargers sold.

In 1957 the Granatelli brothers moved from Chicago to Los Angeles. With their speed-shop experience they were very interested in the McCulloch supercharger. In 1958 they were able to buy Paxton Products from McCulloch and develop a new generation of supercharger, the SN60 (Short Nose) that debuted in 1959. After numerous racing successes the Granatellis and Paxton were purchased by Studebaker. Thereafter, Sherwood Egbert became president of the Studebaker Corporation. About this time Andy split from his brothers and became President of STP, also owned by Studebaker. An improved Paxton SN62 and STP gave Studebaker a boost in the performance community, but it was too little too late as most buyers were looking for big block power.

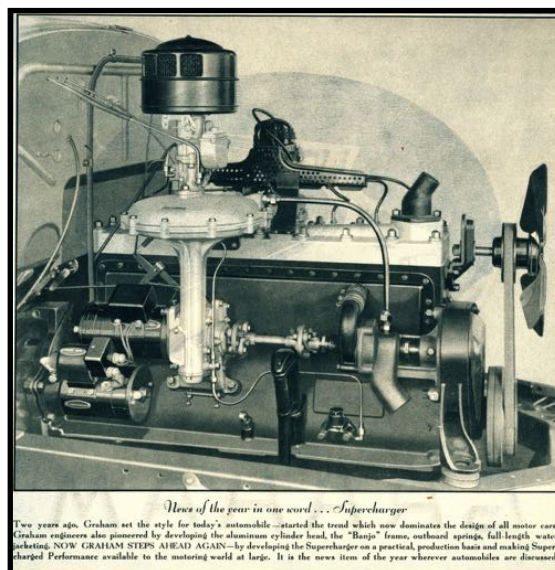
In 1974 Paxton split from Studebaker and quit manufacturing the SN62, probably due to new emission standards. Interest in the supercharger never waned. In 1979 manufacture began again making new variants of the older generations. Today a Paxton Supercharger is still available through Vortex Engineering located in Oxnard, CA.

In closing, was turbocharging offered in America during the reign of the Granatelli brothers? The answer is yes but on a very limited basis in the Chevrolet Corvair and the Oldsmobile F-85 Jetfire, both very rare today. In fact, they are more rare than Studebaker's supercharged Avanti and Super-cars from 1963-64.

References:

Fox, Fred. "The Fourth Man." *Turning Wheels* Vol 40, No 3 (March 2008): pp. 32-35.
 Numerous website pertaining to the topics in this two-part article.

Thanks again Dan for another informative article - Mike the Moose



Northwest Valley Connect's "Motors and Meals Fundraiser" October 30, 2021

Northwest Valley Connect's "Motors and Meals Fundraiser" is back. Northwest Valley Connect is a nonprofit organization to serve residents of the Sun Cities and other communities in the area who need help with transportation in a region that doesn't have public transit.

After being on hiatus during the pandemic, the event was held on October 30 at Beardsley Park. By all accounts it was a rousing success. With more than 60 cars on display, most of them ARC members, the \$10.00 registration and several private donations allowed ARC to make a donation of \$696.00. Thanks to all who participated.



Happenings in the Shop

Ed Zacko

The shop is in full swing. It's always interesting to walk around the shop and see what everyone is up to. In case you haven't been in to visit lately, here is a sample of what's happening every single day!



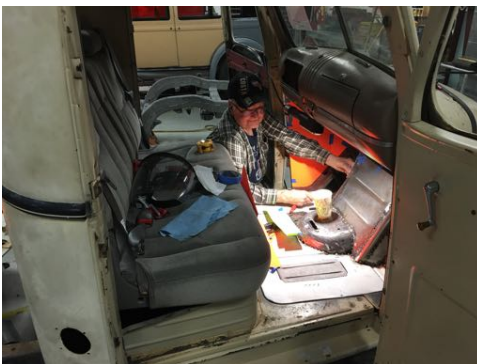
Glen Kolb 1969 Rambler Twin Stick



Bruce Hagemeyer - After three years it's really coming together



Ray Crivelo's 1963 T-10 Transmission rebuild



Dave Jackson's 1945 Chevy



Jack Sigler - After three years, almost complete 64 Chevelle Malibu



Wayne Brand 31 Former Chrysler Limo



The boys in the band solving the problems of the world demonstrate the most important part of ARC



Tony Palozzi - still at it - it RUNS and GOES!



Craig Landers - always there to lend a hand and advise



Jim Galagher - it's going to be yet another 1966 Corvette

Western State Bank
The place to be one Friday a month
Cars and Pizzas - see Group Works for Dates
Always a fun time in the parking lot with ARC eye candy
Photos by Jim Hensch



Drive By
 Tuesday November 23
 about thirty cars gathered at
 the Briarwood Country Club to form
 a parade for a drive by to Deb and Andy
 Anderson's house, Ellen and Ed Zacko's
 niece and nephew
 It was Deb's 60th birthday and Andy is
 doing very well after his
 stem cell transplant.
 Andy video taped the parade which we
 hope to share with ARC in the future.



The parade led by Buddy

Welcome to "In For Repairs"!

If you know anyone who needs a little cheering up or who is going through a difficult time, ARC wants to know. We are one big family, and we care about one another. Please contact me at stevelinda2004@earthlink.net or call 623-214-1090 with the information. I will be in contact with the individual by e-mail and also follow up with a card and special note from ARC.

We know that many of our members are facing some challenges right now but wish to remain private. We are thinking of all of you and wishing you brighter days ahead. Don't forget to let me know if you hear of someone I should be in contact with.

. **Verda Bell** - (#609) Our thoughts and prayers are with Verda as she undergoes another back surgery this month. We wish her a speedy recovery, and hope she can get back to going on river cruises next year. Sending positive thoughts your way, Verda.

In Memoriam:

Guillermo "Memo" Rivas - We are saddened by the loss of Guillermo Rivas, owner of Memo's Restaurant in the bowling alley. He has served so many great breakfasts to ARC members over the years. We will miss his smile around Sun City West serving up food at special events. Our hearts and prayers go out to his wife, Trisha, children and Memo staff at this difficult time. There will be a musical memorial open house for him on the Great Lawn between 2 and 4 PM December 12. Bring a lawn chair, appetizer to share and something to drink.



10th Anniversary Party Monday, November 8th 2021

Ten years ago ARC had its first meeting under a ramada in Beardsley Park. These first meetings were sparsely attended by approximately 30 hopefuls and became a running joke in the other clubs of Sun City West. "It will never happen. You guys are crazy and wasting your time," was a constant theme! Well, the joke's on you! Not only did it happen but it happened in record time. We have the building, the paint shop and ARC is growing steadily!

Congratulations to all who made this happen!



**ARC MEMBER GUIDELINES FOR ARC SHOP USE WHEN
PURCHASING, IMPROVING, OR SELLING VEHICLES**

APPROVED BY ARC MEMBERS AT THE FEBRUARY 20, 2018

ARC GENERAL MEMBERSHIP MEETING:

- 1. ARC Members shall be allowed to purchase vehicles, restore/fix these vehicles in the ARC facility, and, at a time of their choosing, sell the vehicle so they can move on to the next vehicle they have a passion for.**
- 2. Vehicle must be titled in the ARC Member's name before it enters the facility.**
- 3. No vehicle storage allowed in the ARC facility.**
- 4. Limit of three (3) vehicles per year.**
- 5. Subject to Shop Foreman approval.**

**THIS POLICY WILL BE FOLLOWED UNTIL REPLACED BY
ARC BOARD AND MEMBERSHIP APPROVAL**

ARC Angels

The ARC Angels are a group of ARC members, led by Randy Robinson and Dan Kuhl, who quietly go around helping SCW residents who are in need. They don't ask or look for recognition or praise. Occasionally, someone who has been helped, lets us know. Thank you to all of the ARC Angels for your continued service to the SCW community.

Order Your Car Dash Display Plaque

New Display Plaques for your car, golf cart, or bike? It is good for you and fund raising for the club. Get rid of your old, torn, dog eared displays, the new ones are made with champagne-beige color paper and laminated with thicker, UV protection pouches.

Price: \$15 each... or \$20 for two if it has exactly the same content.

Obtain the order form(s) at the Monitor's Desk and pay ARC desk monitor



The inventory is lower than usual and the prices have been going up! This is a great time to sell your home or to buy a new one!

Please check us out on our website: www.ArvidKay.com. We can give you an estimate of what your home is worth today.

Arvid and Kay Peterson
623-308-2316 or 623-760-7367
arvidpeterson@awardrealty.com

ARC Members



ARC CLUB CONTACT INFORMATION

Shop Phone Number: 623-518-3226

ARCOFSCW@gmail.com

ARC Club

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Sun City West, AZ 85376-5034

Dean Lewellen, President

Dave Meyer, 1st VP

Ray Peterson, 2nd VP

Nancy Haviland, Secretary

Pete Mahnke, 1st Treasurer

Suzanne Jones, 2nd Treasurer

Craig Landers, Shop Manager

Lee Schwartz, Paint Shop Manager

Jan Lahtonen and Tony Pallozi , Safety Coordinators

Paul Nordmeyer, Membership Director

Ellen Zacko, Editor of Rusty Nuts



ARC meets monthly the 3rd Tuesday, at 2:00 at RH Johnson Social Hall (no meetings in June, July and August)

ARC WEBSITE <https://arcofscw.com>

ARC FACEBOOK Automotive/Restoration Club facebook

ARC EMAIL ARCOFSCW@gmail.com

ARC Newsletter contact - mikezackaroonie@gmail.com

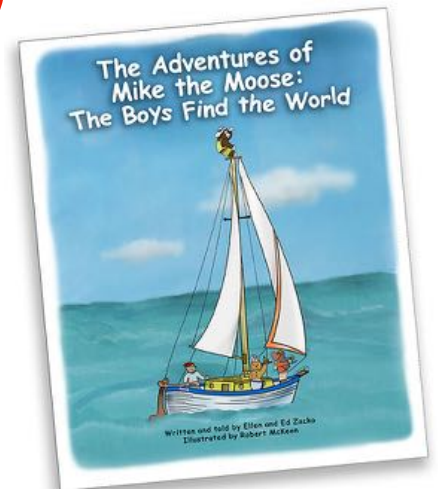
or Ellen Zacko 623 374 3056, please leave message

A Message from Mike the Moose

"Genius is eternal patience."
Michelangelo, artist and Mike the Moose



My book is for sale in PORA-
filled with wisdom!
The perfect holiday present!!
no supply problems!!



Rusty Nuts is your newsletter. Thank you to all the member contributions.
Keep them coming. Everyone has a story and yours is important to the
membership.

Send your contribution to: mikezackaroonie@gmail.com
Your stories make this newsletter!

Special thank you to Deborah Ray, my friend and proofreader.
I couldn't do this job without her special help.

Ellen Zacko - editor
Ed Zacko - assistant editor