

RUSTY NUTS

March 2024 Issue No. 104 Ellen Zacko - Editor

AUTOMOTIVE/RESTORATION CLUB OF SCW

13th Annual Car Show Edition!!



Thank you, Gary Masak



Aerial photo courtesy of RCSCW

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

The Hot Rod Deuce Monthly by Craig Landers, President



Although Mother Nature tried to dampen our Car Show, we ended up with a very successful event. Much has already been written about all of our volunteers, but again, a BIG thank goes out to everyone that helped to make this year's show a success. Many people don't realize it takes Gary Masak nearly all year to plan and execute our show.

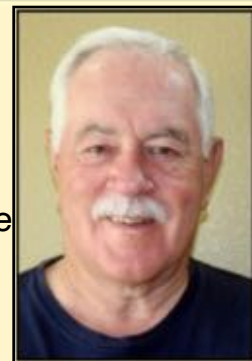
The shop has been really busy lately. We have trained at least fifty new members in the last couple of months. If you are planning on working in the shop, please come in and check the schedule FIRST!!! As of right now, available space for long-term project work is booked for about three to five months out. Please be patient. This is what it is. Our club isn't small anymore and the new members help the work schedule to fill up fast.

This time of year also brings many events in the Phoenix Valley. These are posted on GroupWorks along with news, goings on, dates and information that pertain to the members and club. Please go online to GroupWorks and stay informed. It is our best way to communicate with all the members.

Again, a big thank you to all the volunteers for the Car Show and the shop in general...ENJOY!

**ARC General Meeting
Tuesday, March 21, 2 p.m.
RH Johnson Social Hall**

Founder's Focus A Column by Herb Clark



ARC has had so many people to THANK for its existence, and we must not forget Don and Anna Scheidt. When ARC was still just a concept, the Scheidt's were always there with a donation to get us to the next level. Several places around our building have been named after Don or Anna. We lost Don awhile back but what he and Anna have done to move the club forward will never be forgotten.

The annual ARC Car Show was another success in 2024 despite the chilly weather. Gary Masak and an army of volunteers are responsible for this success. I started to list the names of the fantastic volunteers, but I was afraid I might leave someone out. So, THANK YOU TO EVERYONE WHO PITCHED IN TO MAKE THIS ANOTHER SUCCESS!

Many of you may be aware that I have been an RPM Foundation Ambassador for over ten years. RPM's and my goals have been to attract more people, especially younger generations, into the restoration business/hobby. 2023-2024 has been an incredible year! I have been fortunate enough to have two schools in the St. Louis area to keep me active. St. Louis Community College competed in the Great Race this past summer with a lot of support from ARC member Gary Mazak. In 2024, they will have two cars joining the competition. In October, STLCC broke ground on a new \$100 million Auto/Truck Center. The school had to put potential students on a wait list. Great things to come! I have been working closely with Lead Instructor Josh Walker, who is great to work with!

Recently, I was delighted to get in contact with an old friend who is now an instructor at Ranken Technical College, Rob Gibbons. Rob helped me get my truck ready for one of the Great Races that went from San Rafael, CA to Moline, IL. I am looking forward to working with him and getting their students more involved in restoration, and possibly the Great Race 2025. Ranken is a large technical college and has strong alliances with the major car manufacturers. This connection was made possible by Michelle Childress and her cousin Vince Holtmann.

Several years ago, ARC sponsored the Dysart High School Team in the Great Race. Working with our youth is so important. I am attaching a picture of many of the ARC members who were a part of that Great Race effort and were along on the trip! How can we do more? What can you do?

Herb Clark

ARC members who were part of the Great Race



Dysart High School Team



Thank you, Mike, for another great raffle car event



Dream Car Raffle Winners

1st Place, 2016 Mustang Convertible:

Byron Jones, winning ticket # 3152

2nd Place, \$500 Cash:

Gretchen Graham, winning ticket # 1700

3rd Place, \$200 Cash:

Susan Malutin, winning ticket # 2297

Thank You, ARC

By Suzanne "Sparky" Jones



Thank you for the beautiful plant and the recognition of my work with the Car Show. I am humbled by such a touching tribute. However, I am but one of over a hundred volunteers that make the Car Show a success. Each volunteer and their individual effort is essential to our overall success. It is a pleasure to work with so many who give of themselves because they see the big picture and want to be a part of something bigger than themselves. I thank each of the volunteers and tip my hat to you.

At the top of my list is Gary Masak. He has taken the Car Show to new heights since he took over the chairmanship for the Sixth Annual Car Show in 2018. ARC is blessed to have such a dedicated volunteer who has invested his time and talent into the Car Show along with his amazing pop-up events where his culinary skills are enjoyed by all. Thank you, Gary!

BUT, my list continues and below is an alphabetical list of many of the areas where our over 100 volunteers stepped up. Please notice that it all starts with you and ends with you...

➤ ALL VOLUNTEERS... YOU

- | | | |
|-------------------------------|----------------------------------|--------------------------------|
| ➤ Apparel | ➤ Judges | ➤ Security Team |
| ➤ Captain Copy | ➤ Marking the Parking Lot Spaces | ➤ Set Up & Tear Down Teams |
| ➤ Car Corral | ➤ Parking Team | ➤ Shop Tours |
| ➤ Car Show Chairman | ➤ Participants | ➤ Shuttle Cart Drivers |
| ➤ Car Show Assistant | ➤ Photography | ➤ Signage |
| ➤ Copy Crew | ➤ Poster Creation for Car Show | ➤ Sponsors for Show & Trophies |
| ➤ Couriers for \$\$ | ➤ Printing | ➤ Swap Meet |
| ➤ DJ/Sound Engineer | ➤ Prize Raffle Team | ➤ Trophy Design |
| ➤ Dream Car Raffle | ➤ Prognosticator | ➤ Trophy Engraving |
| ➤ Electrical | ➤ Radios | ➤ Trophy Assembly |
| ➤ EMT's/Fire & Rescue | ➤ RCSCW Support Team | ➤ Vendors |
| ➤ Environmental Service | ➤ Recruitment | ➤ YOU! |
| ➤ Flyer Creation for Car Show | ➤ Refreshments | |
| ➤ Registration Team | ➤ Registration Runner | |

Together, let's volunteer to make the 13th Annual Car Show another success. Mark your calendars now IN INK with the date February 8, 2025 when I hope to see you there again.

THANK YOU!

Teamwork makes a good show!



Show Photos by Steve Victor



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

ARC Members Volunteer at the Car Show



In spite of the rain there were many cars to see



Preparation inside and outside ARC



THE LIFE OF AN ARC ANGEL

By
Dan Kuhl

Soon after joining the Automotive/Restoration Club I volunteered to be an ARC Angel. I figured it was a good way to meet people and learn something about many different kinds of automobiles. As an ARC Angel most of my first encounters were Model A Fords. They presented no problem, because my first car when I was fourteen was a Model A.

My first big test was a '28 Buick roadster located in Peoria. A lady calls; she wants to get her father's car running so he can take one last drive before he dies. Being a fan of Buicks, I couldn't wait to see this car and give it an ol' college try. Having never looked under the hood of a '28, I was surprised to see a vacuum tank fuel system mounted on the firewall just back and above the carburetor. (At a minimum the tank should be three inches above the carburetor bowl.) I knew I was stymied with no knowledge of how a vacuum tank functioned. The battery turned over the engine nicely, but with no fuel entering the cylinders, my efforts accomplished nothing.

An apology was extended to the lady and her disappointed father, and they were told to seek out someone familiar with vacuum tank systems. I went home and immediately called a Buick Club of America tech advisor, who told me what to do. I called the lady back for a second attempt, but she did not return my call.

Prior to vacuum tanks were pressurized gas tanks in the most expensive cars of the day, and gravity feed from cowl or seat gas tanks as were used in the Ford Model A until 1931. Later, mechanical pumps that ran off the engine camshaft or electric pumps provided fuel to automobile engines. In retribution for my failure and to learn for future encounters, a basic understanding of a vacuum tank is provided below:

A vacuum tank is simply a miniature gas tank mounted in front of the firewall, as compared to a Model A where it is mounted behind the firewall. Of course it is much smaller, holding one to three pints of gasoline. The vacuum needed to operate the tank comes from the intake manifold, just like vacuum operated wiper blades. As with the wiper blades, the vacuum tank will fail to operate when the engine is pulling hard, for example, on a long hill. In that case, the operator will have to pull off the road periodically to let the vacuum tank fill with gas.

Evidently, Stewart-Warner, the major manufacture of vacuum tanks, believed a fill hole would be helpful to fill the tank by hand using a small funnel and a gas can. At some point around 1928, a 1/4" brass plug was added to the top center of the tank. The early tanks did not have this hole, requiring the tank be filled using the vacuum from the engine and its starting system, or the tank to be disassembled and a 1/4" plug hole drilled in the tank lid adjacent to the engine intake manifold line in the center of the tank lid.

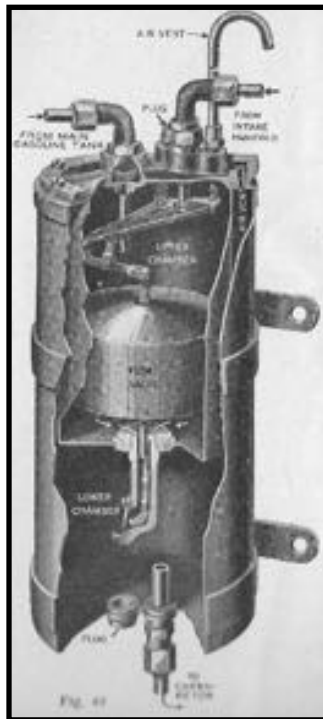
In any event, there must be enough gas in the lower chamber of the tank (see diagram) so that gas will feed by gravity through the line to the carburetor at the bottom of the tank. Next to this line at the bottom of the tank is a drain plug that can be used to drain the tank lower chamber. This drain should be used to drain the tank any time the car sits for a long period of time or there is suspicion that the tank may contain debris or bad gasoline.

The vacuum tanks that are out there are almost 100 years old. Unless you know that the tank you are working with has been refurbished, it is recommended an electric fuel pump be considered. I know this works because because the 1918 Buick I worked on had one; it was the one in the shop during the last ARC Car Show. However, there is one caveat, the output pressure must be adjusted down to meet factory specs for the car you are working on, usually less than five pounds.

Now, all I have to do is wait for my next antique automobile with a vacuum tank fuel system to test what I have learned.

References:

Cannon, Bill. (November/December 2000), How to live with Your Vacuum Tank, *Antique Studebaker Review*. Vol. 30 No.4. p.p. 8-10.



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.

Theater West is presenting "Camelot". Eleven shows in March in the Stardust Theater using a live pit orchestra with Ellen and Ed Zacko in the pit again. Tickets are available from the Rec Center.

Welcome to "In For Repairs"!

Linda Victor

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 stvelinda2004@earthlink.net or call 623-214-1090 with the information. I will be in contact with the individual by e-mail, and will 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.

John Austgen (#313) Recovering from back surgery. We are thinking of you and hoping you are on the mend, John.

Randy Robinson (#138) Thinking of you and Bonnie, Randy, as you go through many health issues. We keep you in our thoughts and prayers and hope things look brighter for you both.

Don Holman (#330) We are sorry to hear about your latest diagnosis and want you to know that we are here for you. Keeping you in our prayers at this difficult time.

Mike McGuire (#414) Mike, we are saddened to hear that you are facing difficult health issues. Please know that we are thinking of you and sending prayers your way.



American Cancer Society Relay for Life Update Steve & Linda Victor

Thanks to everyone who came out to support one of ARC's charities at the 12th Annual American Cancer Society Relay for Life of the Sun Cities event on February 18th. It was a wonderful day at Beardsley Park. We honored around 81 cancer survivors with a victory lap and dinner. ARC members stepped up by bringing their cars, money for the American Cancer Society, and food for the Valley View Community Food Bank. We had 28 cars. ARC raised \$1,820 at the event, with a total of \$5,545. Always looking for ways to increase our raffle fundraiser sales or other fundraising ideas. The total day's contributions were over \$3,000, with a grand total for the Relay of just over \$63,600. We were able to hold two benefit concerts and a bowling benefit, which helped increase our total. Looking forward to next February when we will have our 13th annual Relay in Beardsley Park. Consider joining the team, attending the concerts, dedicating a luminaria, and donating to the cause. Donations can still be made at www.relayforlife.org/suncitiesaz.



Jackie and Dave Meyers lead the survivors walk.

ARC members were a large presence at the Cancer Relay for Life. ARC helped make this a good relay. There was a car show and volunteers helped with raffle tickets and luminaries.



ARC's Website – Displaying Our Club to the World

Lee Partridge – Website Administrator







































As most of you know, ARC has its own website, arcofscw.com, that serves multiple purposes and is our primary presence on the Internet, along with our very successful Facebook page. Originally part of the Recreation Centers presentation of chartered clubs, where each club has a web page hosted on a Recreation Centers server, we found that arrangement somewhat limiting. With Recreation Centers approval, we created an independent website, which allows for expanded content and greater visibility on the Internet. It may be of interest to our members just how well known our club is becoming to the world, as evidenced by these statistics generated over a thirty-day period ending February 2nd.



The screenshot shows a 'Traffic Summary' dashboard. At the top, it says 'Traffic Summary' with a help icon and a refresh icon. Below that, a green box displays 'Online Users: 0'. The main part of the dashboard is a table with three columns: 'Time', 'Visitors', and 'Visits'. The table lists various time periods and their corresponding visitor and visit counts.

Time	Visitors	Visits
Today	16	28
Yesterday	45	61
Last week	307	718
Last 7 days	369	648
Last 30 days	1,273	2,679
Last 60 days	1,902	5,740
Last 90 days	2,676	7,230
Last 12 months	9,241	23,851
This year (Jan-Today)	1,343	4,297
Last year	8,342	28,464
Total	17,530	52,203

As you can see, news of our fine organization is spreading throughout the world! Kudos to Recreation Centers Chartered Club Committee, ARC leadership, and active ARC members for making this a world leading car club.

	Country	Visitors		Country	Visitors
1	 United States	1,045 +	1	 Sweden	1 +
2	 France	26 +	2	 Turkey	1 +
3	 Canada	23 +	3	 Taiwan	1 +
4	 Germany	23 +	4	 Palestine, State of	1 +
5	 Ireland	21 +	5	 United Arab Emirates	1 +
6	 Russian Federation	18 +	6	 South Africa	1 +
7	 Netherlands	18 +	7	 New Zealand	1 +
8	 China	12 +	8	 Malaysia	1 +
9	 Singapore	12 +	9	 Mongolia	1 +
10	 United Kingdom	9 +	10	 Japan	1 +
11	 Romania	3 +	11	 Indonesia	1 +
12	 Iran	6 +	12	 Hungary	1 +
13	 Moldova (the Republic of)	5 +	13	 Guatemala	1 +
14	 Ukraine	5 +			
15	 Latvia	4 +			
16	 Pakistan	3 +			
17	 Australia	3 +			
18	 Austria	3 +			
19	 Portugal	2 +			
20	 Korea (the Republic of)	2 +			
21	 Philippines	2 +			
22	 Italy	2 +			
23	 India	2 +			
24	 Hong Kong	2 +			
25	 Viet Nam	2 +			

TIRES, TIRES, TIRES by Dean Lewellen

The tires on our Classics and other rides are one of the most important operational and safety items on our vehicles. The four contact patches on your car's tires are the only connection your car has with the road you are traveling on. The ability to start, stop and maneuver under all conditions is dependent on these four small areas creating a firm grip between your vehicle and the road surface.

How many of you are driving around today in a vehicle that does not include a spare tire and wheel in case of a tire failure on the road? None of my three cars have a spare. One has run-flat tires; one has a factory supplied kit to plug and inflate a small puncture; one has tires with a band of sealant covering the tread area to surround and seal up the item creating the puncture. All these tire safety concepts should keep me from having to jack up my car along a busy roadway to install a spare tire, but I still have "Puncture Anxiety" which must be very similar to the "Range Anxiety" that EV owners experience on a long journey. I still prefer the old-fashioned idea of a spare wheel/tire even if it is one of the small "donut sizes" some manufacturers provide today.

There are three major usage categories to consider when you begin to think about new tires for your Classic car or other vehicles. They are All-Season, Summer Performance, or Winter Performance usage. Subsets of all three categories for your consideration are run-flats, self-sealing, or regular type of construction. The All-Season, Regular or Run-Flat design tires of the most popular brands are most suitable for our daily drivers here in the "Valley of the Sun". If you do spirited driving, a maximum Summer Performance tire would be preferred for your maximum vehicle enjoyment. There is not much call for Winter Performance tires in our area unless you spend time up north on the ski slopes.

When I purchased my 2014 F-Type three years ago, the wear bars on the the rear tires were within a couple of millimeters of showing boldly, so I began the search for suitable replacements. I could either replace the two aging rear Pirelli P-Zero's to match the fronts, or swap out all four for another available brand. I confined the brand search to the "Maximum Performance Summer" category of tires. I was amazed at the proliferation of products, over fifty, in that category. Prices ranged from over \$200.00 to over \$500.00 a pop for the 295/30 R20 rear tires.

Tire Rack and Discount Tire websites are great sources of tire information and comparison data to help in your tire decision making. Survey results from millions of miles of travel are listed in different performance categories. These categories include dry traction, wet traction, hydroplaning resistance, cornering stability, steering response, ride comfort, noise comfort, and tread wear. So, what did I end up with after several hours of research and comparison including cost? I purchased two Pirelli P-Zero replacements for the rear of the F-Type for about \$450.00 each. Jaguar seems to have a good working arrangement with Pirelli as a favored OEM provider for most models. I didn't want to break the trend.

Just a couple of reminders about looking after the tires you are running on today. First, check the inflation pressure regularly or at least monthly. All tires, even if they are nitrogen filled, will lose pressure over time. Your tires' pressure will fluctuate more here in the desert due to the temperature swings from the winter cold to the summer heat. Use the manufacturer's recommended pressure stated on the placard on the driver's door sill as a starting point. Second, check the tread area regularly for unusual wear patterns and embedded nails, screws, glass, etc. Alignment issues from potholes or curbs can cause premature wear as well.

Remember to take good care of the tires on your vehicles and they will take good care of you.



Tim Kliphuis and Jimmy Grant's concert was a success. Thank you to all ARC members who supported this event which supported the arts in SCW.



Ellen Tim Jimmy Cheri Adams Ed Zacko
Photo by Ron Van Camp (#1267)

For Sale
ARC Logo Items
Caps
ARC flags and license plates
Breakaway lanyards
Come to the shop and have a look!

The Rusty Nuts team thanks Sparky, Dean, Lee, and Dan for their continuing submissions to our monthly newsletter. In the newsletters we try to include information about our club members, club activities, goings on around the town, historic articles about cars, and general car information. Please feel free to contact us with an article of something fun to read. We are always open to suggestions.
Ellen and the team

NOTE NEW TIME**L'ARC Breakfast****Thursday, March 21****8:00 a.m.****Betty's Roost****No need to reply, just come
and enjoy fellowship
with other ladies of ARC****Remember no
fragrances please**

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



Order Your Car Dash Display Plaque

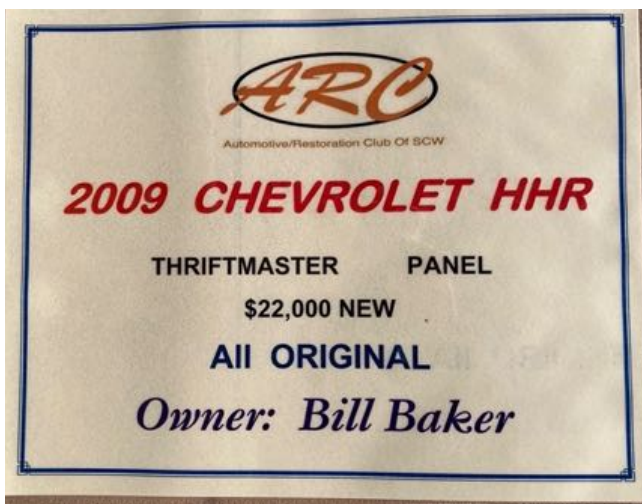
New Display Plaques for your car, golf cart, or bike? It is good for you and fund raising for the club. Get rid of your old, torn, dog-eared displays! The new ones are made with champagne-beige color paper and are laminated with thicker, UV protection pouches.

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

Get yours today!

Especially if you are in any of the many car shows!!



Car Dash Example



Every car needs a Car Dash Display

The team keeps growing.

Join us - write mikezackaroonie@gmail.com with your contribution or ideas.
The Rusty Nuts Team and Mike the Moose
thank you for all the contributions!



Deborah Ray - proofreader, Ellen Zacko - editor, Ed Zacko - assistant editor



Dan Kuhl
regular contributor / sends Mike fun ideas from the past /

Paul Burrier
extra photos of events

Jim Hensch
extra photos of events



Always helping in the background



Steve Victor - ARC official photographer

Dean Lewellen - entertaining articles

ARC CLUB CONTACT INFORMATION

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ARCOFSCW@gmail.com

ARC Club

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Sun City West, AZ 85376-5034

Craig Landers, President

Ray Peterson, 1st VP

Gene Wojtyna 2nd VP

Lynnette Saylor, Secretary

Ron Rada, 1st Treasurer

Ray Helt, 2nd Treasurer



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

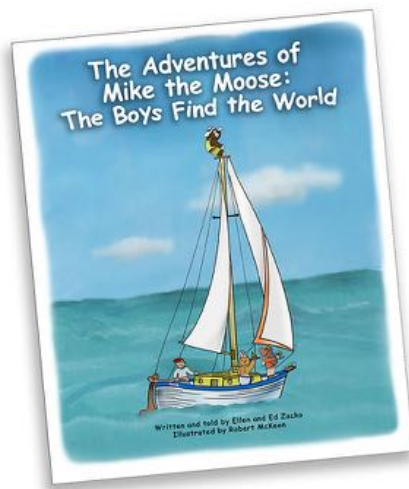
ARC Newsletter contact - mikezackaroonie@gmail.com

or Ellen Zacko 623-374-3056, to leave a message

A Message from Mike the Moose

You may encounter many defeats, but you must not be defeated. In fact, the encountering may be the very experience which creates the vitality and the power to endure.

Maya Angelou, poet and Mike the Moose



Mike's book is available at the PORA store on Camino Del Sol - stop in and shop for gifts made in Sun City West!!

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