

RUSTY NUTS

October 2017

Issue No. 45

Pat Clark, Editor

Mel Martin's Workshop at ARC

Mel Martin, owner of The Martin Auto Museum, has long been a friend of ARC. Two years ago, he donated a 1936 Ford Phaeton for ARC to sell to raise funds. Last April, Mel donated a very nice 1959 Ford Thunderbird for ARC to restore while training youth on the disciplines of auto restoration.

The Thunderbird was in good shape. The previous owner had many of the expensive parts of a total restoration already completed. The body was straight. The chrome was removed and re-chromed (not installed). The seating and other upholstery parts were beautifully done in red & white leather (not installed). The engine, transmission, and rear end were completely gone through. Perfect!

Now we are actively looking for 6-8 students for a restoration class to complete the project. The ideal students will be "car nuts" who have a passion for the older classic cars. The ages of the students should be 18-22 years old. The class schedule has not yet been set up, but we are looking at an 8 week course. All classes will be on Saturday and Sunday from 9AM to 4PM. There will probably be a break in the schedule so it would not be 8 consecutive weeks. If you would like to recommend a student, please contact Bob Janis at fleetsidebob@hotmail.com.

ARC is planning a "Kick Off" meeting for all ARC members and the selected students at The Martin Auto Museum. Refreshments will be served and tours of the museum will be available. Look for further details!

**The next ARC
General Meeting
will be
Oct. 17, 2017
2:00 PM
RH Johnson
Rec Center
Social Hall**



The 1959 Ford Thunderbird!



Lots of parts to put together!

From the Driver's Seat

By Lauren Matley, President

It is good to see a few snowbirds back in beautiful Sun City West! The shop saw a big surge this summer with 3 total restorations completed and the shop nearly full every day of the week. Member logins were 531 vs 428 last year. The shop has been working very well. Our new expansion should be completed by February 2018, then we hope to start planning the final stage of our building, the showroom/reception area.

I'm proud of our members. Many have "stepped-up" and helped the club to be a solid, well operated organization. As we grow, we need more monitors for the ARC building. Currently, there are several dedicated members who are doing double duty volunteering for monitor duty daily. We need more monitors for sure! Don't be bashful, it is a fun job and lots of things are going on in the shop now.

Our largest money maker is the Car Show/Swap Meet. This event is rapidly reducing our debt for the building and funding our charitable projects. Gary Masak is doing a fine job keeping the 2018 car show on track.

Our nomination committee needs to post new President, Secretary, and 2nd Treasurer nominees, so please sign-up and help the club reach its potential in 2018. I'm very proud of our members and know you will make the slate of nominees compete by the end of October.



Real estate is a complex LEGAL, VALUATION, and FINANCIAL matter that requires education, experience, expert knowledge and care, and that generates the trust that must be in a real estate transaction. Mike and Sue know real estate, know the market, know how to professionally calculate your home's value, know finance, and how to get it done without hassles, upset, or **"Ooops, trust me, it'll work out!"**

Education: Mike: **MA & BA** (economics); Sue: **MBA & MA & BA** (language & real estate finance)

Experience: **60+ years** of residential/commercial brokerage & appraisal of real properties.

Brokerage: **CCIM** (Certified Commercial Investment Member; only 13,000 CCIMs worldwide)
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Ethics & Trust Mike is **2016 Chair of Arizona Association of Realtors Professional Standards** that deals with problems state wide involving about 47,000 Realtors.

Sue Steward MBA, **CRS**

623-262-5225

suesteward.az@gmail.com

Mike Steward MA, GRI, **CCIM**

623-764-7641

msteward.az@gmail.com

In For Repairs

By Linda Victor

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 stevlinda2004@earthlink.net or call 623-214-1090 with the information. I will be in contact with the individual by email and also follow up with a card and special note from ARC. Please keep

the following individuals in your thoughts and prayers. If you know them personally, I'm sure they would love to hear from you.

Ken Dinkel (#34) - going through Chemo again. Not sure when they will be able to get down to SCW. We keep you in our thoughts and prayers, Ken.

Carol Larsen (Tom #46) - Very ill and fighting to get well again. Keep working at getting better, Carol.



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 one. Please check us out on our web site: 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 and Major Sponsors of
the Car Show.



“Rock Around the Block” Poker Run



You don't have to be a gambler to play. You can use any car, motorcycle, or mode of transportation you like. This is “OPEN To All.” Invite your friends!



THE FUN BEGINS on Saturday, December 2nd, starting at 10 AM! Sign up sheets will be available at the ARC front desk after October 1st. The first 100 who sign up will receive a commemorative T-Shirt. Sign up early! The cost is only \$15 per person. Included is a T- shirt (1st 100 entries), lunch provided by Culver's, and of course prizes to the winners!

Here is how a “Poker Run” works. The Poker Run will start at the John S. Chaney Restoration Center at 10 AM. All participants will draw a playing card. Now each participant will leave the Center and go to designated places around the area to pick up additional cards. Once they have all seven cards of their poker hand, they will pick out their best five cards and turn them in at the home stop. The best five card Poker Hand will win!. Simple! Fun! Good time!

Questions? contact Herb Clark at woodmedic@aol.com.

Try it...You'll Like it!

That's right! Where can you have fun, meet people, learn more about cars, and play a very important part in ARC? Be a Monitor or a Foreman! It is not hard work - it is fun work! Monitors are trained on how to run the front desk and open and close the shop. While on duty, you can give tours, talk to guests, and welcome members.

Foremen must have some understanding of auto mechanics and safety. Training is available for both monitors and foremen. You can sign up as an individual or a couple. Try it! You will enjoy doing it, and the club will appreciate your help! Sign up sheets are available at the John S. Chaney Restoration Center.

Editor's Note: I want to send a BIG THANK YOU to the members who contributed to this month's Rusty Nuts: Linda Victor, Herb Clark, Dwight Senne, Beth Crabtree, Lauren Matley, and Sue Schiestl. Sue proofreads RN for me each month. I never know where I will find her (it was in Germany once), but she always comes through to proofread for me.

It is not over...until the job is done!

Most of us have some unfinished projects, unfulfilled dreams, or something that we put on our "Bucket List" hoping we can someday, somehow, find the time, money, or whatever to "Just do it" as Nike says. ARC Member Bill Wagner has some unfinished business he would like to have other ARC members join him to complete.



It started 50 years ago. Bill was the proud owner of a 1964 Suzuki motorcycle. Like many of us in our younger days, Bill had a wild and adventuresome side. Bill had logged close to 9300 miles traveling around the West Coast. In 1967, he was on his way to Mesa, AZ when his trip came to a sudden end. On the lonely Hwy 60 near Aquila, AZ, his bike broke down and had to be hauled to Mesa. Bill was discouraged and very disappointed that he was not able to complete his trip.

In the years to follow, the bike just sat in the garage. Bill's son had heard the story many times and encouraged his dad to fix up the bike and finish the "ride." Bill hadn't really given it too much thought until lately. His son and some of his son's Army buddies started pressuring Bill to take the tarp off the old bike and finish the last 75 miles or so of the trip. Bill is now fired up about completing the trip fifty years later! With the help of some ARC members, the bike will soon be running and look good again. You are invited to come along on the ride!

On Saturday, October 28th, Bill will complete the journey in grand style! You too can join him as he completes the trek. If you have a motorcycle or car and want to be a part of this happy occasion, you can. We are going to make this a small fundraiser to make money for the Mel Martin workshop training for students. We are asking each motorcycle or car to donate \$10 to ride along. Motorcycles will start with Bill in Agulia. The cars will join Bill in Wickenburg and parade down Hwy #60 to SCW. The caravan will have a brief stop at the John S. Chaney Restoration Center before heading to Mesa, AZ for the completion of a trip that will have taken 50 years to complete! Please join us for this exciting moment in Bill's life. Let's all celebrate with Bill as he checks this off his "Bucket List."

A sign up sheet will be at the John S. Chaney Center.

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LARC BREAKFAST

*The next LARC breakfast will be
Thursday, October 19, 2017 at 9:00 AM
at Memo's in the Bowling Alley
at RH Johnson Rec Center.*

*No reservations needed - just come and enjoy
fellowship with other ladies.*

(No fragrances please!)

ELECTION OF OFFICERS FOR 2018

To: All Members of Automotive/Restoration Club of Sun City West
From: the Nominating Committee

The General Meeting, Tuesday Oct. 17, is rapidly approaching and it is time to be thinking about Nominations of Officers for next year, 2018. The task of the Nominating Committee is to present a Slate of Nominees to the Membership for vote in the November meeting. Nominations will remain open until 30 days prior to the election of officers at the November meeting. All candidates nominated, either by the nominating committee or from the floor, will sign the SCW AUTO RESTORATION CLUB - AGREEMENT TO SERVE IF ELECTED Form, stating that they agree to serve to the position which they are applying to be accepted on the Slate of Nominees.

I will post a signup sheet and the Agreement to Serve if Elected Form at the ARC Building until Monday, Oct 16. On that date, I will pick up the documents and bring to the meeting scheduled on Tuesday, Oct 17.

You may email me at okiemcguire@gmail.com if you have any questions or are interested in being nominated. Provide your name, member number, and the position you wish to be nominated for.

If you feel that you cannot serve on the Board in 2018, **PLEASE** consider volunteering in 2019, or in future years.

These are the six (6) Officer positions to be voted on for the Board of ARC. Those positions and current nominees are (nominees marked with -inc are the incumbents):

President – Open
1st Vice-President – Andy Schiestl - inc
2nd Vice-President – Bob Janis - inc
1st Treasurer – Dean Lewellen - inc
2nd Treasurer – Open
Secretary - Open

Please CLICK on the link <http://restoration.scwclubs.com/about/bylaws/> to review all job descriptions.

Sincerely,

Steve "Mike" McGuire and Bill McVeigh
Nominating Committee



HAPPY
HALLOWEEN!



Upcoming Events

Oct. 2 - Car Show Meeting 10 am at the Johnson Shuffleboard Room

Oct. 12 - Board Meeting 8 am at Camino del Sol Funeral Chapel

Oct. 16 - Car Show Meeting 10 am at the Johnson Shuffleboard Room

Oct. 17 - ARC GENERAL MEETING 2 pm at Johnson Social Hall West

Oct. 19- LARC Breakfast 9 am at Memo's

Oct. 21 - Fry's Trunk or Treat limited to 17 cars; sign up today

Oct. 21 - EVIT Car Show (details on MyGrove)

Oct. 23 - Car Show Meeting 10 am at the Johnson Shuffleboard Room

Oct. 28 - Open House at ARC Building from 10am-Noon

Oct. 30 - Sun City Mechanical car show from 5 to 9 pm in their parking lot

Oct 31 - Happy Halloween!

Nov 4 - Salute to Veteran's Car Show, Gateway Park, El Mirage 2 - 9 pm

Every Monday morning - Breakfast at Memo's for anyone who wants to attend, 7:00 am



2005 CROSSFIRE RAFFLE



Drawing at the ARC Car Show/Swap Meet Feb. 10, 2017

1 ticket - \$10.00

3 tickets - \$25.00

15 tickets - \$100.00

**Tickets are available at
the Rec Center Ticket Office
and at the
John S. Chaney Center**

Where in the World is Okoboji?

By Herb Clark

If you are ever traveling around Northwest Iowa, you need to take some time to visit the Lake Okoboji resort area. On a recent trip to Spencer, IA to attend the Clay County Fair, acclaimed as the "World's Best County Fair," my wife and I, and a few of her family members stayed in Okoboji.

Dick and Beth Crabtree, ARC members, were with us as well as Patty's other sister, Alice, and her brother Jerry and his wife Linda. At breakfast one morning, Jerry mentioned that we might want to visit the local car museum, **Okoboji Classic Cars**. Dick and I were already planning to visit since Dick had purchased a 1940 Oldsmobile convertible from the museum at a recent Russo-Steele Auction. Dick had some questions and wanted to talk to the sellers.

What a pleasant surprise! A good shock! This place is unbelievable! I have been to a lot of car museums, but this one is different in so many ways! Most car museums take your money and let you wander through and look at the cars. Not here! TAKE THE TOUR!!! The tour starts in the lobby with an explanation of the history of the museum and how fireworks in 1936 burned down a large section of Spencer, Iowa. Once you get into the very large display area, you will see that the town has been rebuilt...with classic cars from all eras parked at the many store fronts.

Artist, Jack Rees, worked with owner, Toby Shine, to create a true work of art and history. 400 gallons of paint were used to create the world's largest known indoor mural at 28,000 sq. ft. Our guide, Bruce, led us on a magical trip down the streets of Spencer and around Lake Okoboji and Arnold's Park. Looking at the "true to life" geometric art, was incredible! YOU WILL NOT BELIEVE WHAT YOU SEE! This car museum has about 70+ cars on display at any given time, but what makes this museum stand out is the presentation of the cars with a pictorial history. After the tour, Denny Linn, the General Manager, took us through the restoration shop. Besides an incredible museum, they restore cars in a state-of-the-art shop complete with an upholstery shop. Go see it! You will be so glad you did!

Okoboji Classic Cars, 810 Jeppeson Road, West Okoboji, IA, 712-332-8029.

My hope is to make this place a regular stop on my way to see relatives who live in this general area. I hope you too will stop! You will be glad you did!



Toby Shine in his museum.



Sports cars parked by a rendition of West Lake Okoboji.

Meet Wayne Halladay

By Beth Crabtree

Wayne grew up in a small town in Western Washington. There were 99 kids in his graduation class. The job market in Western Washington was to work in the mill, or logging. Wayne couldn't wait to leave, so he went into the Navy Reserve and spent two years on an AKA, which was a WWII cargo ship. It was referred to as the "Slow Boat to China," or to Vietnam. After leaving the service and attending school, he got a summer job as a plumber. As they say, "The rest is history." Wayne started out doing plumbing in new housing, then got into commercial installations. He did a lot of medical research labs, a couple hospitals, and a twenty-four story high rise in Seattle. His summer job lasted 40 years.

Wayne believes he got into cars at birth. His first car was a '53 Chevy 2 door HT that he sold after a couple years. He has had two cars that are both his favorites. One was a '48 Ford Coupe that he put a Chevy V-8 into. It ran (E-gas) at the drags and with its blue metal flake paint, was a real head turner. His second favorite was a '57 Chevy 2 door HT 327 4 speed that he looks back on fondly.

The only good car story Wayne can remember is rolling a '56 Chevy off a trailer at a stop light in downtown Long Beach. He says he will always remember the look on the face of the dude in the VW van that was behind him.

Wayne and Linda have been married 5 years and have spent those years in SCW. They got tired of the rain in Seattle and decided to move to SCW because Wayne loved coming here for Spring Training and the sun. They had been snowbirds until this past summer when they sold their house on the coast of Washington to become full time Arizonians.

Wayne has been involved with ARC since the beginning and with the Car Show/Swap Meet since the first meeting with 6 others in the office of the metal club, about 7 years ago. The thought at that time was for the swap meet to be the headliner and the car show was a throw in with no judging and no trophies. The hope was to get 50 cars. Handing out flyers, we got some pretty weird looks and a few, "So you old guys are going to have a car show?" There were over 200 cars at that first show and there was judging and trophies! The second year, Lauren Matley drafted Wayne and Tom Lundbom to chair the judging. Wayne says thank goodness Tom had been involved before and had a bunch of forms that they still use today. Wayne took over the third year and has been doing it ever since.

Linda also loves cars and enjoys taking part in the annual Car Show/Swap Meet. One of her jobs is to count the "People's Choice" entries.

Wayne says "Thank You" to all the people who sign up to do the judging. He appreciates all who help!



*Corvette
"The Current Girlfriend"*

'67 442 Olds



ENGINEERING - 101

By Dwight Senne

“Do you smell something burning? Smells like wiring!” Those are some of the worst words you can hear after doing a wiring job on your car. In the last article, we looked at the basics of electricity and how it works in your car. This time, we will begin understanding the importance of wire size.

We learned the last time around that electrical current is similar to water flowing in a pipe - except it is electrons flowing in a wire. We said that current is measured in Amps. We also talked briefly about the resistance of our conductors (wires) and how that was similar to a restriction in a pipe caused by a throttled faucet, for example. There are some interesting relationships between current and resistance, along with another topic we talked about last time which is voltage. These relationships are conveniently fixed, so we can apply a number of formulas to calculate and understand the relationships. The basis of these formulas is known as Ohms law.

While we do not need to delve into the physics behind Ohms law, it is good to know the basic formulas involved. These can prove helpful, so they are provided here for your knowledge. For these formulas, V = Voltage, I = Amps, and R = Resistance (in ohms):

$$\begin{aligned} V &= I \times R \\ I &= V / R \\ R &= V / I \end{aligned}$$

Let's look at a quick application of ohms law. We will use a power window motor as an example. We will say that when that motor is running, it has a resistance of 3 ohms. If we have 14V going to it, we can determine (by using $I = V / R$) that the current used by the motor is 4.67 amps. So we would need to size our wires to handle at least that amount of current.

While we could use the formulas above to determine what size wire (based on the load and the wire's resistance) we would need, it's really not necessary, since several engineers over the years have done most of that hard math work for us! However, the formulas can be helpful when you are adding a new load or if you are ever troubleshooting an electrical problem. We may delve into that in a future topic.

For now, it is sufficient to understand that all wires have some resistance. We think of wires (especially copper ones) to be great conductors of electricity - which they are, but they do have resistance. In general, a copper wire has two main factors which affect its total resistance - wire diameter, and wire length. The smaller the diameter and the longer the length, the more resistance it has. Again, we can refer to water flowing in a pipe - a large diameter, short pipe flows more water than a small diameter, long pipe.

So wire diameter, known as the gauge of the wire, becomes very critical in planning wiring projects. You may have heard of common wire sizes used in cars as 18 gauge, 16 gauge, etc. Well, just to confuse everyone, the smaller the gauge number, the bigger (larger diameter) the wire! If you understand gauge as it applies to metal thickness, then you already understand this concept (but wire gauge and metal gauge are not the same sizes).

Let's examine this important concept. I might be able to use an 18 gauge wire to power some load (lights, fan, radio, etc.) if the wire only needs to be 4 feet long, but I may have to go to a 16 gauge wire if it needs to be 10 feet long, because the length has increased the total resistance of the wire. It is also worth noting that a steady load (like a headlight) is going to always try to draw a steady current. If the resistance of my wire increases, but the current remains steady, ohms law says my voltage will have to increase. Since my voltage is held constant by the regulator / alternator in the car, something else has to give. The resistance can't change because it is a physical parameter of the wire we used, so that means the current will drop - just like the water flow drops when we throttle down on the faucet. The result is, the headlight dims. Oh, and one more thing happens - since the wire is acting like a load (because ohms law says it is dropping some of the voltage), it gets warm. This is the same concept as an electric heating element. If the wire gets too warm, it starts burning and you hear those dreaded words: “Do you smell something burning? Smells like wiring!”

In the next article, we will delve deeper into understanding loads, and selecting the proper wire gauge based on those loads and the length of wire. I will even provide a handy little table that those smart engineers developed for us so we don't have to do all this math!



ARC OFFICERS**Lauren Matley - President****lkmatley@hotmail.com****253-350-3604****Andy Schiestl - 1st Vice President****artcicandrew@gmail.com****907-632-2221****Bob Janis - 2nd Vice President****fleetsidebob@hotmail.com****602-614-4878****Mary Jo Monten - Secretary****mjmonten@q.com****623-975-6671****Dean Lewellen - 1st Treasurer****deanlinaz@gmail.com****623-546-7649****Sue Steward - 2nd Treasurer****suesteward.az@gmail.com****623-262-5225****ARC DIRECTORS****David Eicke, Director of Safety****Jim McLinn, Director of Membership****Steve Victor****Chuck Ulbright****Dave Meyer****Walt Jefferson****Brad Huber****RUSTY NUTS EDITOR - Pat Clark****prclarkgolf@aol.com****314-882-6464****ARC Phone Number 623-518-3226*****Editor's Garage***

As leaves are starting to turn to yellow, and orange here in MO, we are starting to think about returning to SCW. I hope you all had a wonderful summer wherever you are.

Hopefully, ARC's new paint booth will be started soon after we return. We have had good reports of a busy shop all summer. The John S. Chaney Rock Around the Block will be held in December. Planning is underway for the CarShow/Swap Meet in February. Plans are in the works for more charitable events this year. New members keep joining. All is well with ARC!

The election of officers will take place soon. Please consider volunteering to be an officer. You will meet so many nice people who are willing to help. If you don't feel like you can be an officer, consider volunteering for something else. Monitors are always needed and help is always welcome for the many events ARC does.

I say this every month and I really mean it! You will enjoy your ARC membership so much more if you start participating in ARC events or, better yet, start helping with the events!

If you are a new ARC member, I hope I get to meet you soon! I'm always looking for stories for Rusty Nuts. Let me know what you did this summer. Or let me know if you got a new "ride." I don't know about your adventures unless you tell me!

Have a wonderful October and Happy Halloween!

Patty



1969 Chevelle SS 396-375 HP Frame off restored. Bench seat, 4-speed M-21, 4:10. \$39,000. Carl 309-854-1687.



1947 Hudson Pick-up RARE - Upgraded 308 Twin, 500 miles on engine. Very nice. \$27,500. Carl 309-854-1687.



1979 Shay (Reproduction of the 1929 Model A Roadster.) Limited Edition, Golden Anniversary model. Original color. New Tires, Stone Guard, Brake System including Brake Master Cylinder + Valve, all Engine Gaskets, Battery, complete Exhaust. (Have invoices.) 31,200 miles. \$12,800. Heiko Weber 623-566-4959.



2013 MINI Cooper S Hatchback. 14,500 original, one-owner miles. Purchased new January 2013, full dealer service records. Emerald Green Metallic with Black roof and hood stripes. Black Sport seats. Six-speed Manual transmission. MINI Six-Star Black wheels. Panoramic Sunroof, Xenon automatic headlight sand wipers, rare Factory Navigation system, HD Satellite Stereo with Harmon-Kardon sound, Rear Parking sensors, Keyless entry and start, and much more. Cost new over \$30K. No surprises, perfect original example. KBB, NADA, car.com and Edmunds price range: \$15,975 to \$17,875. Bargain priced at \$16,500. Dean Lewellen, 623-546-7649 or 623-363-4457, deanlinaz@gmail.com.



1999 Trans AM. This car has a V8 fuel injection, T-top, leather interior, tires are 90%. Needs a little TLC on the upholstery. This car has not been driven in two years but started and run every week. Never been driven off the asphalt road. Automatic transmission and runs excellent just needs a new home. Pontiac Trans Ams are no more. 65,600+ miles. \$6500. Glenn Bond, 405-808-2790, or glennbond30@gmail.com.



WANTED: '53 or '54 Chevy 2 door hardtop. Please call Jeri Oman at 602-449-9660.

The Rusty Nuts - Want Ads/Swap Meet page is for ARC members to advertise their cars and car related items free of charge. All ads will run for three months unless you let me know that you have sold your product or no longer wish to have it advertised. Non-members can advertise car related items in Rusty Nuts for \$25 for 3 months.