

**JULY 2021**  
**VOLUME 30-07**

*Official Monthly Newsletter Of  
The Central Ohio Vintage  
Volkswagen Club*

# Zündfolge



**SAVE THE DATE! *August 14, 2021***  
**VOLKSFEST 30! Watkins Memorial High School**

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## INFORMATION

In the Spring of 1991 our club was founded by 12 enthusiasts looking for a way to pool their parts and resources to maintain their vintage Volkswagen Cars. Now we are in our 30<sup>th</sup> year with about 200 members and the premiere Vintage Volkswagen club for Central Ohio. We Strive to share knowledge and resources while having plenty of fun. We welcome everyone interested in classic air-cooled as well as newer water-cooled VW products. Annually we host Ohio's largest Volkswagen Car show & swap-meet 'Volksfest' to benefit Childhood Cancer Family Connection, an independent non-profit organization, devoted to the needs of children with cancer.



## ZUNDFOLGE

Zundfolge (translated 'firing order') is published monthly by the Central Ohio Vintage Volkswagen Club. Its purpose is to keep us informed and running smoothly, while providing knowledge and enthusiasm into the Classic VW Community. Members are encouraged to submit articles and photos for the newsletter. Please contact the Editor for more information. Brian Knoll @ bkriderr@att.net

## FACTORY DATA

To obtain VW factory information send your serial number to:

Pre 1955:

VW Brezelffenstervereinigung e.v.  
Ernst Reter Hagen, Amselweg 4, D  
3073 Liebenau, Germany

Post 1955:

Customer Assistance, Volkswagen AG  
Postfach, 3180 Wolfsburg 1, Germany

## Coming up in August...

Lead Article..... Mark Garrett  
Theme..... Volksfest 30  
Meeting Date... August 14th  
Location ..... at Volksfest!  
Address .....

Keep up with the  
Central Ohio Vintage  
Volkswagen Club  
Online!



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[www.COVVC.org](http://www.COVVC.org)

Jan	Mark Garrett	Annual Banquet
Feb	Stark Hughes	
Mar	Mike Williams	Toy Meeting
Apr	Stark Hughes	Anniversary/T-shirt Design
May	Linda Brown	Trophy Design
Jun	Ryan Cisco	Club Picnic
Jul	Debi Garrett	Show Prep Review
Aug	Mark Garrett	VOLKSFEST 30
Sept	Mike Roecker	
Oct	Kathy Kern	Halloween
Nov	Ryan Cisco	Elections
Dec	Todd Sichel	Cookie Meeting

**John V. Doe**

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Greetings from the Garrett's!

We are excited to once again be hosting the July meeting at our place. The date is July 8th. The festivities will begin @ 6:30. We will provide the burgers and hot dogs, everyone else is welcome to bring a main dish or dessert of their choice, and its also BYOB.

This will be the last meeting before Volksfest 30, so be sure to be in attendance for all those last minute details. This year is going to be interesting to say the least, with the revised show layout due to construction ongoing at the high school site. There will also be show flyers and t-shirts available.

Besides all that fun stuff, yes the revised toy room will be open for viewing. All you veterans will enjoy the sparkling new look and layout.

Next week is also the big Good Guys weekend at the fair grounds. The car shows are coming back, and this years Good Guys should be spectacular.

That's about it for now, Mark and I look forward to seeing everyone on July 8th.

## XENIA VW SHOW WRAP-UP

## Mark & Debi Garrett

The first VW show of the season is a wrap. Held at Kil Kare Dragway in Xenia, it was a smashing success. The show car area was packed, the drag racing was non stop, and the spectator gate was enormous. Larrys Off Road had put this show on for years, and Larry decided to step down this year. A new group, Air Syndicate has taken over. While there were some first year jitters, they are to be commended for keeping the Larrys tradition alive. Enjoy the pictures. It was also nice to catch up with Larry himself at the end of the day. Our community owes him allot for his tireless efforts for over 30 years!



## MEMBERSHIP UPDATE

Ryan Cisco

### RENEW - RENEW - RENEW

How do you know if your membership has expired? Your expiration date (month/year) is beside your name on the back of this newsletter. You can renew your membership online on our website, [www.covvc.org](http://www.covvc.org), or you can mail a check. Please make checks payable to COVVC and mail to: COVVC c/o Ryan Cisco, 5577 Mesa Falls Street, Dublin, OH 43016.

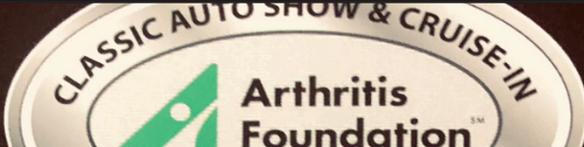
We had 2 new members join last month and 4 existing members renewed. Please welcome our new members to the club! This puts our current membership is at 152.

New members: Dwight Pigg, Susan Patsy

Renewals: Al Moore, Matt Fraser, Evan Brownlee, Ken Janosek

### *Volkfest Volunteers Needed!*

Check your inbox for a link to Sign Up Genius or contact Ryan directly at [ryancisco@gmail.com](mailto:ryancisco@gmail.com) / 740-749-0183



CLASSIC AUTO SHOW & CRUISE-IN  
Arthritis Foundation  
38\*

\* It should be 39, but... COVID!

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## OUT AND ABOUT

## MEMBER SUBMISSION



Do you recognize this place?  
"A red Microbus full of trash - help?"

Has anybody seen Bo and Luke?



"It seems that the Arthritis Car Show weekend is always a great kick-off to VolksFest!" I wrote those words for our newsletter in 2018. The pandemic sure has certainly turned things around.

It gives us a great sense of pleasure to be able to announce that the Arthritis Foundation Classic Auto Show is a go! It's going to be great to finally get together and enjoy friends along with our great cars again at an amazing venue!

Mark your calendars for Cruise-In Friday August 20 and Classic Auto Show Saturday August 21st. Normally the Arthritis Classic Auto Show occurs close to Independence Day. The planning committee and the City of Dublin wanted the date a bit later to avoid Covid concerns. What makes the August date special for 2021 is it is the week after Volksfest. August is going to be a busy and very fun month!

What's even more exciting is Volkswagen is the "Featured Marque" We are celebrating the 85th anniversary of the founding of Volkswagen.

If it seems like VW has been a featured marquee in the past you would be correct. In 2018 we celebrated the 80th birthday of the Beetle, 35 anniversary of the GTI and the 50th anniversary of Herbie and "The Love Bug" movie.

The Classic Auto Show Committee chose us again not only for the historical significance but frankly our VW's are a huge hit for the spectators that come to this event which draws 5-7000 people from all over. They love us!

If you haven't had an opportunity to experience the Arthritis Car Show this is one of the premier car shows in this region of the country where 800-1200 cars of all makes will gather for the two day event. It's the place to see nearly every classic car from every corner of the world. We have everything from AMC to Z-28, or if imports are more your thing maybe a 260-Z or two. American classics like Packard or exotics like Ferrari, Lamborghini and McLaren will be there.

Back at the VW corral you will be treated to comfortable shade and grass. Also in our special area a display of VW's through the decades will be showcased. Doug Barber our very own club historian has created an interesting video of the history of VW. COVVC member cars are included in this history. It will be continuously showing for your viewing pleasure. Doug's presentation is truly special. I'm sure it will generate a lot of enthusiasm and help boost COVVC membership. It's worth the watch!

The Saturday VW "Show In A Show" gives participants a chance to collect one of ten special awards. Mike Young & Motorkars is once again our class sponsor. Thank you Motorkars!

Also on display will be a collection of VW advertising, memorabilia and others items of historical significance. If you have anything you would like to contribute please bring your items to share.

We will once again have our VW hospitably tent. This has been a favorite with the VW and Porsche folks. Fittingly, the Porsche group shares the lakeside with us. Bring your favorite beverage/s and snack. It's a great way to socialize and meet new friends!

In closing, it takes 200 plus volunteers to put on an event the magnitude of the Arthritis Car Show. The COVVC is fortunate have great and involved members like Ted Dibiase, Richard Rambo, Ryan Cisco, Mark & Debi Garrett.

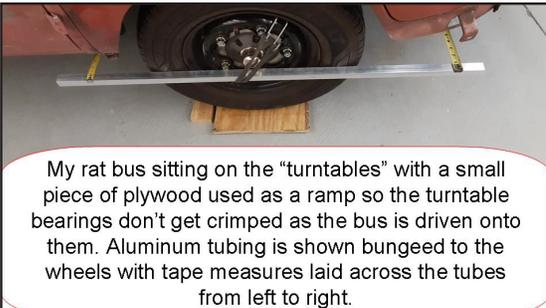
To register a car or find volunteer opportunities plus the latest show information please visit [www.arthritis.org/events/autoshow](http://www.arthritis.org/events/autoshow)

Hope to see you there!

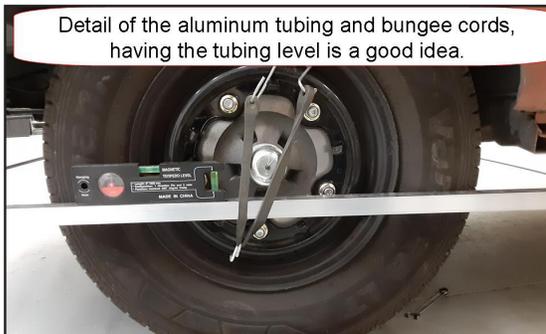
Lazy Susan bearing bought from Ebay for \$10 screwed to a scrap piece of plywood.



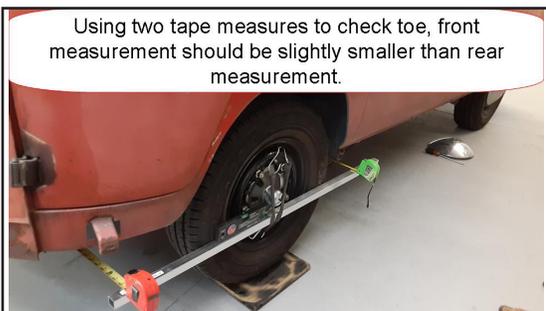
My rat bus sitting on the "turntables" with a small piece of plywood used as a ramp so the turntable bearings don't get cramped as the bus is driven onto them. Aluminum tubing is shown bungeed to the wheels with tape measures laid across the tubes from left to right.



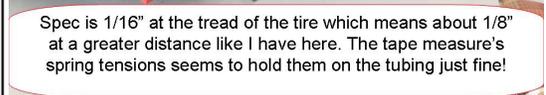
Detail of the aluminum tubing and bungee cords, having the tubing level is a good idea.



Using two tape measures to check toe, front measurement should be slightly smaller than rear measurement.



Spec is 1/16" at the tread of the tire which means about 1/8" at a greater distance like I have here. The tape measure's spring tensions seems to hold them on the tubing just fine!



Measurement ahead of the tire is 62 5/8", measurement behind the tire is 62 3/4" which means 1/8" of toe (at a greater distance than the tread of the tire). On busses, there's plenty of room for the tape measures so they don't interfere with the bottom of the bus body. On cars, the rear tape measure may rub on the body, you must prevent that to get an accurate measurement.



## Front End Alignment

I left off last month getting ready to set the toe, aka toe-in. There are plenty of backyard methods of doing this that involve tape measures, ballpoint pen lines scribed on the tire, string, adjustable rods and the like. A bit of common sense and basic knowledge of geometry helps. The bus (or vehicle) is sitting on a flat level floor or drive-on lift with the front wheels centered on my homemade turntables. It's important that the vehicle is driven onto the turntables, not lowered from a jack, to make the suspension "at rest". If the vehicle were to be lowered from a jack onto the tables the suspension would be under tension and not relaxed.

My method is to strap square aluminum tubing to the face of the tire with bungee cords which allows me to make my measurements. These aluminum tubes are four feet long and allow me to get a fairly accurate measurement of where the toe is. Remember, we're just trying to get it close so we can drive to an alignment shop. I use bungee cords to strap the square tubing to the outside edge of each front wheel. This allows me to use two tape measures, one ahead of the tire and one behind the tire. Comparing the measurements and subtracting gives me a fairly accurate measurement of toe. Most vehicles call for a small degree of toe-in, like 1/16" which allows for deflection of the front end components which brings the effective toe to zero while driving. On a split bus you only adjust one tie-rod to set the toe and later you center the steering wheel by adjusting the length of the drag link. We'll talk about that later. On Beetle and Super you can adjust each side independently and lock the steering wheel straight while doing your adjustments. Do this by looping a bungee cord or fan belt around the rim of the steering wheel and slam the door on it. Another way is to loop the shoulder seat belt through the steering wheel and clasp it so the seat belt holds the wheel level. Otherwise as you adjust the tierods the steering wheel will turn, upsetting your "wheel centering". On vehicles with adjustments on both tierods I also visually align the front tires with the rear tires so that the car tracks properly with the steering wheel straight. This is a simple "eyeballing" of the front tire edge and rear tire edge to verify the outer surface of the wheels are in the same plane. If you're doing a Vanagon or something with a rack and pinion, you'll be turning the inner tierods that come out of the rack with a pliers or wrench. These tierods have a rubber boot on them as they exit the rack, you'll have to hold this boot to prevent it from tearing as you spin the tierod.

Next month I'll cover some oddball problems and centering the steering wheel. See you then!



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