

Jim Allen won Best of Show and the Bill Mitchell Award at the CORSA International Convention this year. He restored this '69 500 coupe which is very unusual because of all the accessories it came with.

Jim is a good friend of John and Amy Young and is from Peoria, Illinois. Jim was a factory trained Corvair mechanic and went on to be the service manager at the dealership for the rest of his career. He ended up buying all the Corvair special tools from the dealership and now has a real nice shop at his house. He is a real Corvair expert and has restored some very nice cars since he retired.



Tucson Corvair Association



Established 1975

The *Corvairsation* is a monthly publication of the Tucson Corvair Association, which is dedicated to the preservation of the Corvair model of the Chevrolet Motor Division of General Motors. The Tucson Corvair Association is a chartered member of the Corvair Society of America (COSA) as Chapter 357.

Membership dues are \$15 per year for individuals and \$18 for families. Initial dues are \$19 for individuals and \$22 for families (includes name tags) for members of COSA. Add \$3 per person for non-COSA members. Make checks payable to the Tucson Corvair Association.

Change of Address: Report any change of address or phone number to the Membership Chairperson.

COSA membership dues are \$45 per year (\$90 for 26 months) and include a subscription to the COSA Comminique, a bi-monthly publication. COSA memberships is not required for membership in the Tucson Corvair Association, but is highly recommended. See any TCA officer for more information.

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TCA 2013 Events at a Glance

Aug 28, Wed

Regular Monthly Meeting. Parking Lot Bull Session at 6:30pm. Meeting starts at 7:00pm. Golden Corral, 6865 N Thornydale Road (just south of Ina).

September ?

Madera Canyon Picnic.

Oct 12, Sat

Cars in the Park, Sierra Vista, Arizona

Oct 5, Sat

The All Corvair Anniversary Car Show. Thororbred Chevrolet, Chandler, Arizona. 9am to 2pm. Sponsored by the Cactus Corvair Club.

Oct 19, Sat

Tucson Classics Car Show at St Gregory's. More details as the become available.

Oct 25 - 27

36th Annual Great Western Fan Belt Toss & Swap Meet. Sunrise Park, Palms Springs, California

Nov 2, Sat

Cops and Rodders Car Show. More details as they become available.

December

TCA Annual Christmas Party.



Camping in style!

July Meeting Minutes

Minutes from the monthly meeting held July 24, 2013 at the Golden Corral Restaurant, 6865 N. Thornydale, Tucson, Arizona.

President Lake called the meeting to order at 7:01pm with Mike Lake, Charlie, Sandy and Clayton Evans, Ron Bloom, Lynn Bloom, John and Amy Young Jim Mills, Ken Farr, Don Robinson, and Lynn Marrs in attendance.

Old Business:

The Freddy's Cruise was discussed. Five cars attended. The Cruise In is held in that location every Thursday night.

The August Activity will be a cruise to Todd's at Ryan Field for breakfast on August 17 Meet at El Rio Golf Course parking lot at 9:00am to cruise to Ryan Field.

Christmas party is in the planning stages. The location, date and times will be announced soon.

New Business:

The proposed mid-month activity for November is a trip to Bisbee and a tour of the copper mine on November 16 meeting at the Triple T Truckstop on Craycroft at I-10 at 9:00am.

New T-shirts and jackets were discussed. Windbreaker with liners suggested. 1960 Corvair script on jackets. Get Van to order. John and Amy will bring a sample jacket to show.

After the break the raffle was held. Winners were Ken Farr, Sandy and Charlie Evans, Bill Maynard, John and Amy Young, and Jim Mills. Mike Lake, Jim Mills, Lynn Bloom, Ron Bloom volunteered to bring raffle prizes to the next meeting.

John Young has lots of late model parts that he will be selling after the Ryan Field breakfast.

Meeting adjourned at 7:50pm.

Submitted by Lynn Marrs



A dirt track race car from years of yore

President's Message

I apologize for forgetting the President's message last month. It's been six months since I became President of this club. I didn't know what to expect at first or even if I wanted to be in this position. I must say that I have really enjoyed it and it is not as bad as I had anticipated all due to the fact that we have the best club membership of any club I have belonged to. Thank you all for making the first six months easy. I haven't had to ram through a CorvairCare bill or order a Sequester. Life is good.

It was great to see that we have three new members in the club. Welcome aboard. One of them is Sam, who is sixteen years old and a future President! He is very enthusiastic about getting his car done. I am looking forward to seeing it in the near future.



On July 18th several members went to the club function at Freddy's. We had five Corvairs there, more than any other model of automobile on hand. Great job! The meet was laid back and very informal. Just a gathering of car lovers. Good times.

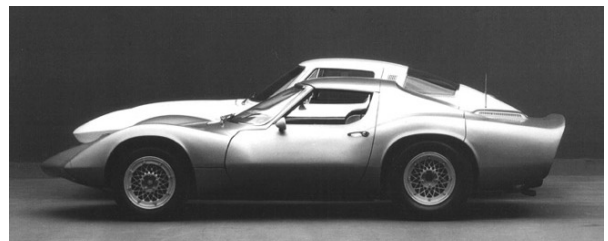
That's it for now, hope to see you at the meeting on the 28th. Same time, same place.

Till then, take care and stay cool,

Mike



A miscellaneous photo from the archives....



The XP-819 with a Corvette for comparison

Electrovair III

Recently High Voltage Hot Rods held an open house at their shop to publicly introduce the Electrovair III, a 1966 Corvair Monza that was converted to electric drive. In attendance at the event was the Gold Coast Electric Auto Association, the Boca Raton Corvair Club, as well as many others from the neighborhood who have been watching us build the car.

The Electrovair III uses an AC50 motor and PowerGlide transmission. The ride is really smooth and offers more power than the original gasoline engine. The overall driving characteristics of the car was greatly improved over the original and they expect the electric motor more reliable. The car has a 21kwh battery pack and a range of about 70 miles on a charge. A larger pack could be put in for more range. All of the battery cells are monitored by a battery management system that controls charging and discharging to prevent over charging or over discharge.

The parts used in this build, as well as a kit, will soon be in the High Voltage Online Store for the DIY crowd or anyone can ship them their Corvair and they can do the conversion for them. The total cost to do this conversion including labor for a turn key car is \$31,500.

High Voltage Hot Rods starts with a 1965-1966 Corvair and removes the gas engine and gas tank. The car is then cleaned and modified for electric power. This light weight little car has a following all over the world. It is ideal as an electric car. With a 65 hp electric AC motor the car performs very much like the original because the full 65 hp is available from turn one of the motor unlike the gas engine which had to get up to speed before gaining enough torque. The car can also be fitted with much larger motors to turn it into a real speed demon. There is adequate room for the battery packs and still have trunk capacity.

1966 Corvair Monza Convertible

Two speed automatic transmission

AC 65 hp electric motor

Regenerative braking

700 amp controller

70-100 miles per charge

Options

DC motor 9" or 11"

1000 amp controller (no regenerative braking)

2000 amp controller (no regenerative braking)

Traction battery pack for up to 120 miles/ charge

For more information on High Voltage Hot Rods go to [www.http://highvoltagehotrods.com](http://www.highvoltagehotrods.com).



VP of Marketing, Alex Berry at the wheel of the Electrovair III



Electrovair Dash with Digital Amp Hour readout.



Powerglide transmission mated to electric motor

Make Seth's \$2 Oil Cooler Cleaning Tool

Seth Emerson needed a special tool. Seth has built more Corvair motors than most of us have ever seen and has been cleaning their oil coolers as part of the process. The problem is trying to clean the outside of the cooler, which can be pretty contaminated, without contaminating the inside. The oil cooler lives in the airflow of the motor's cooling air and has many small areas that can be clogged with various different types of crud. Any kind of bath or spray cleaner, if applied to the bare oil cooler, might get inside of the cooler, where clean oil has kept a clear path - usually. What he needed was a tool that would cap off both the inlet and outlet on the cooler allowing the outside to be cleaned without getting anything inside.

The small casting that serves as the adapter to which the oil cooler mounts is what Seth used to make his capping tool. It carries a pair of seals and bolts onto the driver's side of the Corvair case. If you have had Corvair engines around your garage for a while, you will likely have a spare one you can use.

In order to make the tool, he modified the casting by plugging up the holes on the side that bolts to the case. It's pretty simple. What you need is a pair of 1/4" NPT pipe plugs (that's the \$2). He drilled out holes on the back side of the adapter. A 7/16" drill makes perfect lead holes for a 1/4" NPT tap. He then tapped both holes and screwed in the pipe plugs. That's it! Be sure to clean it out well before using it.

To clean your cooler just bolt it to the adaptor using the a pair of seals and the original bolt. The bolt length depends on the size of the cooler - how many plates, etc. Then you can spray or immerse the cooler in a cleaner without worrying about the inside of the cooler.

Another use, this tool seals up the inside of the cooler as well. You could fill the cooler with some cleaning solvent into the cooler and shake it up to clean the inside.

Thanks to Seth Emerson for this tip.



Start with an oil cooler adapter.



Drill out the two oil passage holes with a 7/16" drill and tap each hole with a 1/4" NPT tap.



Install the plugs, throw a couple of seals in the other side of the adapter, bolt the cooler in place, and clean to hearts content.



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Regular Monthly Meetings are held on the Fourth Wednesday of every month with a bull session starting at 6:30pm with the meeting starting at 7:00pm.

The November meeting is generally held on the third Wednesday. The December meeting is our annual Christmas party with the time and place to be announced.

MEETING PLACE:

Golden Corral, 6865 N Thornydale Road (just south of Ina), Tucson, Arizona.

Board of Director meetings are held at 5:30pm before the regular monthly meeting at the same location in the months of January, April, July and October . All members are welcome to attend.

This newsletter can also be accessed at www.corvairs.org



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