

## Dormant Vehicle Storage Beyond 30 Days

Several Club members recently have lamented the fact that they were hit with expensive repairs associated with getting their cars back on the road after sitting around for long periods of time. In the event vehicles are to be stored for an extended period beyond thirty days, the following items are suggested:

- 1) Apply a coat of wax to exterior painted and plated surfaces.
- 2) Start and run engine until completely warm. Drain engine oil and replace filter element, refill with fresh oil. If vehicle is equipped with air conditioning, the unit should be operated during this final engine warm-up to lubricate compressor seal.

### A. Gasoline Engines Only

After the oil has been replaced, remove air cleaner(s) and pour 1/2 to 1 pint of 10W or lighter oil into carburetor(s) air intake with engine running. Pour slowly at first, then rapidly using last quarter to stall engine. Replace air cleaner(s).

### B. Diesel Engines Only

Remove all glow plugs, with throttle in half open position, crank engine for 5 seconds then replace the glow plugs.

- 3) Drain coolant from radiator, cylinder block and heater.
- 4) Disconnect battery. If freezing temperatures are expected, the battery should be removed from the vehicle and stored in a cool, dry area at above freezing temperatures. Also, do not place battery directly on a concrete floor, use a piece of wood between the battery and the floor.

**CAUTION:** As part of the normal function of an automobile storage battery, hydrogen gas is produced through chemical action. This gas is toxic and extremely combustible when mixed with air. Do not store battery where it will be

exposed to open flame, or where it is exposed to children.

- 5) Place blocks under front and rear suspension so that tires do not contact the ground.
- 6) Drain fuel from tank, fuel lines and carburetor (gas engines) to reduce the fire hazard and to prevent gumming of the fuel as it evaporates.

**NOTE:** Untreated fuel will rust a tank. Fuel stabilizers added to a full tank and distributed throughout the fuel system claim to work for up to a year. Today's reformulated fuels tend to go bad faster. Stabilizer does no good for fuel that's already old.

- 7) Remove windshield wiper arms and blades and store in the vehicle.

## Reactivating Dormant Vehicle After Extended Storage

- 1) Check oil and fluid levels and replenish as necessary in the following components: engine, radiator, crankcase, transmission, and differential, gasoline and oil and refrigerant in air-conditioning system.
- 2) Check under hood and under vehicle for nesting creatures and evidence of leakage of oils or fluids or physical damage.
- 3) Inflate tires to recommended pressure.
- 4) Clean battery end of cables and install fully charged battery.
- 5) Lubricate chassis suspension and steering components.
- 6) Check brake operation and fluid level. Bleed and adjust brakes.

**NOTE:** Over time, brake fluid absorbs moisture. Moisture will eventually corrode wheel cylinders and lines. As a precaution, unless the vehicle manufacturer recommends otherwise, it is recommended that brake fluid be changed at intervals of 12 to 24 months, depending on local climate.

## Tucson Corvair Association Established 1975

**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) chapter 857.

**Monthly Meetings** are held on the fourth Wednesday of each month, except November and December. One technical/social event is planned for each month, except July and August.

**Membership Dues** are \$15 for individuals and \$18 for families. Initial dues are \$19 for individuals and \$22 for families (includes name tags). Make checks payable to Tucson Corvair Association.

**Change of Address:** Report any changes of address or phone number to the Membership Chairperson. Do not report such changes to the Corvairsation Editor.

**COSA Membership Dues** are \$35 per year (\$70 for 26 months) and include subscription to the COSA Communique, a monthly publication. COSA membership is not required for membership in the TCA, but is highly recommended. See any TCA officer for more information.

**Classified Ads** are free to members and \$3 per 4-line ad to non-members. Deadline for materials submitted for publication in the Corvairsation is the 10th of the month.

**Business Mail Address:** 1026 South 7th Avenue, Tucson, AZ, 85701-3010.

**Web Site Address:** [www.corvairs.org](http://www.corvairs.org)

## Every Driver's Guide to More Miles per Gallon

by Bob Sikorsky, 1976

EPA tests have shown it is more economical to turn the engine off rather than let it idle *if the idle time exceeds 30 seconds*.

Any time you use an accessory you use extra gas. Radio, tape deck, cigarette lighter, power seats, power windows, interior lights, heater and blower fan use electrical current. When one of the accessories is used, the alternator/generator is activated to restore to the battery what is being drawn off. This extra work of the generating unit is paid for with gas burned to provide the additional horsepower needed to turn the unit.

Skip a gear when you can. Shift directly from low to high if conditions permit. Level or downhill starts are good times to skip second gear, (or even starting out in second gear, skipping first) and go directly to third. There

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# Storage

In locations with cold and wet climates brake fluid should be changed at the shorter interval.

- 7) Remove spark plugs and clean and gap (gasoline engines).
- 8) Check and clean carburetor air filter assembly.

## Vehicles with Air Conditioning

- 9) Disconnect the compressor clutch wires before attempting to start vehicle.
- 10) Check to see if compressor hub and clutch driver can be turned by hand. If not, the unit should be broken loose by manually turning the shaft with a wrench on the shaft lockout on the clutch driver plate. A few "rocking" turns should be sufficient so that shaft can be turned by hand.
- 11) Reconnect coil wires and check belt tension. Run engine with air conditioning on for a minute or two to reseat the system.

*This article was prepared using Chevrolet's Hobby and Sales Group publication Past Model Information.*

# Emission Test for Collector Cars to End

Bob Golfen, *The Arizona Republic*  
Apr. 17, 2005

Old-car fanatics were cheering last week when Gov. Janet Napolitano signed legislation to exempt collector vehicles from emissions testing.

The bill allows vehicles 15 years or older to forgo the emissions tests in Maricopa and Pima counties, but only if they carry special collector-car insurance, which has stipulations on annual mileage and use.

The bill also exempts motorcycles from testing in Pima County.

House Bill 2357 was based on a recent study by the Arizona Department of Environmental Quality that concluded that such vehicles have "negligible impact" on air quality and would not affect clean-air efforts in the Phoenix and Tucson areas. The bill was approved unanimously in the House and Senate.

The plan now goes to the federal Environmental Protection Agency for final approval.

"Many people are thrilled by this news," said Bill Gilmore, a longtime auto enthusiast and legislative lobbyist for collector-car groups. "For the hobbyists, it's an unnecessary burden that we've had to carry all these years."

All vehicles made before 1967 are exempt from testing, but collectors complained that their later vehicles were difficult to get through emissions and that the miles those vehicles are driven are too few to be significant.

"Most collectors, and I think I'm included among them, drive them less than 1,000 miles in a year," Gilmore said.

Motorcycle groups had joined old-car hobbyists in backing the legislation, hoping to get their vehicles exempted from what they call unfair and unnecessary emissions regulation. But the DEQ study found that the 22,000 motorcycles registered in Maricopa County contributed a small but statistically significant amount of pollution to the Valley's air.

In Pima County, where only 6,200 motorcycles are registered, the study found no problem with exempting them.

McKeel Hagerty, president of Michigan-based Hagerty Insurance, which specializes in collector-car insurance, said the legislation did a good job in defining collector cars and their limited use.

"You can't use the vehicle for daily transportation, going to school or doing errands. You can't use it as backup transportation for your regular cars," Hagerty said. "These things have four wheels and look like cars, but in the way they're actually driven, they're not the same thing."

## More Miles

are many opportunities, particularly with 4 or 5 speed transmissions, to avoid one or even two gears when shifting. You spend less time in low, gas consuming gears and more time in the economical higher ones.

If you are driving a car with standard transmission get into high gear as quickly as possible. On level roads you should be in high gear before the car reaches 20 mph. Low range gears use much more gas than their higher counterparts. For example: at 20 mph second gear uses as much as 15% to 20% more gas than high. First gear uses 30% to 50% more! Getting into high gear fast is one of the economy run drivers "must" techniques, you can use it also, and enjoy the additional miles per tank-full it provides.

Slow down! Most cars give best mileage at about 35 mph to 40 mph. In this speed range engine efficiency is maximum and wind resistance is relatively negligible. For every mph over 40, wind resistance increases proportionately and gas economy suffers. A car moving at 70 mph gets only 2/3rds the gas economy as one going 45 mph, a heavy penalty for to pay for excessive speed.

*These gas saving tips are only a few of the over 230 found in Bob Sikorsky's book **More Miles per Gallon**.*



# March 2005 General Membership Minutes

June 22, 2005

**Members Present:** Bill Maynard, Lynn Marrs, Dave Lynch, Dave Baker, Chris Cunningham, Don and Sue Robinson, Paul Dunn, Art Dunn, Ken & Judy Brown, John & Amy Young, and guest Brad Clark.

President Bill Maynard called the meeting to order at 7:18pm. Approval of the Minutes for May 25, 2005: Chris Cunningham made a motion that the minutes be approved as written, Ken Brown seconded this motion and it passed unanimously.

**Presidents Report:** Bill Maynard reported that the breakfast at Fred's Arena was a fun outing. Chris Cunningham, Lynn Marrs, Dave and Patrick Lynch attended. After breakfast everyone walked around to look at the buggy's and carriages, old reins, leather goods, equipment and of course the Draft horses. The Draft horses are huge and very people-oriented, stretching their necks out to greet and receive a friendly hand on their nose and hopeful of a treat, calling to you as you walk away or kicking the gate to make you look, hoping you will come back. These are horses that have been hugged and loved from the day they were born and they love people.

Dave and Patrick Lynch left to go to the Airpark. Bill Maynard, Chris Cunningham and Lynn Marrs headed back to Tucson in Bill's car. As they drove along there was a lunge and the bright red Corvair with the new white convertible top and the beautiful new chrome spoke wheels covers coasted to the side of the road. DEAD! Not a spark of life. Bill and Chris got out of the car and Bill checked to see if he could get a spark, he could not and it was discovered that the points had broken. A moment later, here came Dave and Patrick from the airpark to save the day!!!!

Dave and Patrick took Chris to his car at the Library at Mission and Ajo, Chris took his car and went to get points, returning in less than a half hour. Meanwhile, Bill and Lynn sat in the car reading the Sunday paper that Chris had brought and drinking cool water. Every few minutes someone would stop to ask if they could help and to look at the car. Even a bicycle stopped going the other way and asked if we needed water! Bill had the points in, and working in two minutes, we thanked Chris and we were off and running! Thank you Chris, Dave and Patrick.

**Vice-Presidents Report:** Barry Cunningham reported that he missed the outing at Fred's Arena because he took his daughter to see Shamou at Sea World in San Diego and had a wonderful time.

**Treasurers Report:** Allen Elvick - No report at this time.

**Librarian:** No report at this time. - Lance Gillingham needs to find another person and place to store the library.

**Merchandise:** Don Robinson reported that he had a little of everything, he was asked to order some plain t-shirts with Corvairs on them. He will check on this and see if he can get some.

**Raffle:** The raffle tonight produced two winners, Bill Maynard, and Paul Dunn, both receiving oil filters.

**New Business:** No mid-month activities in July and August. The International Corvair Convention will take place in Portland, Oregon July 23 thru July 26, 2005. Members going are John and Amy Young, Bill Maynard and Lynn Marrs. Dave Baker is *thinking* about going. We all told him he should.

**Corvair Talk:** Chris Cunningham told everyone that if they change their own oil, you can take the used oil to certain places and the city will dispose of it. Call Tucson Recycles Infoline for locations and times: 791-5000. Paul Dunn reported that he went to Phoenix and raced go-carts at a track. They had a really good time.

Chris passed out the newsletter at the meeting, people who did not come to the meeting will have their minutes mailed to them. Bill

Maynard stated that he would like to find a Lakewood station wagon to restore.

**Adjournment:** Motion to adjourn was made at 8:00 by Chris Cunningham and seconded by John Young Motion passed.

Respectfully submitted,

Lynn Marrs  
Recording Secretary

## TCA 2005 Events at a Glance

### JULY

**25 MON** Time Trials - Portland Oregon sponsored by Northeast Corvair Council Portland International Raceway inconjunction w/CORSA International Convention. Inf: [www.corvair.org/chapters/necc](http://www.corvair.org/chapters/necc), or Brian O'Neill, 973-729-5586, [bmoneill@juno.com](mailto:bmoneill@juno.com)

**26-30 TUES-SAT** CORSA International Convention Portland, Oregon. Host Hotel: Red Lion on the River, 800-733-5466, 503-283-4466, mention Corvair Society of America. Contact Bill Jabs, 503-684-6595, or email: [wjabs@verizon.net](mailto:wjabs@verizon.net)

**27 WED** Regular Monthly Meeting Broadway Cafe, 4330 E. Broadway - 6pm. Optional dinner at 6:20, meeting starts at 7pm.

### AUG

**10 WED** TCA Board Mtg. Triple T Truck Stop Omar's Highway Chef Restr. 5451 E. Benson Hwy, 574-0961. 6:30pm.

**24 WED** Regular Monthly Meeting Broadway Cafe, 4330 E. Broadway - 6pm. Optional dinner at 6:20, meeting starts at 7pm.

### SEPT

**14 WED** TCA Board Mtg. Cody's Beef 'N Beans 2708 E. Ft. Lowell, 322-9475. 6:30pm.

**18 SUN** Rose Canyon Lake Fall Picnic & BBQ Meet at McDonald's near Tanque Verde and Catalina Hwy at 10am. Bring a dish to share.

**28 WED** Regular Monthly Meeting Broadway Cafe, 4330 E. Broadway - 6pm. Optional dinner at 6:20, meeting starts at 7pm.

**NOTE:** No mid-month activities in July or August

# Spares and Vairs



**FOR SALE:** 1960 Corvair 4-dr parts car. O'Reilly Chevrolet/Tucson car. Rough but complete. Call Allen 883-4337 or Chris at 670-9676.

**FOR SALE:** '62 4-dr 700, 53,000 orig miles, nice Tucson car. '62 Greenbrier, 6-dr, 4sp. very orig., '64 Monza conv. yellow/tan 110-4-sp., '64 Monza conv. white/aqua 110-4-sp. restored in 2003, '64 Monza coupe white/aqua 95hp auto, air conditioning, '65 Monza coupe blue/blk 110 4-sp. ALSO '76 Alfa Romeo Alfetta GTV, '85 Saab 900 Turbo 3-dr. Don Robinson, 2044 W. Shalimar Way, Tucson, AZ 85704, 520-297-1356 or fourcorvairs@hotmail.com

**FOR SALE:** LM Arm Rest Bases, (2) Clark's Repros, new. \$20, Dave: 574-3135.

**FOR SALE:** 1963 convt, 700 miles on rebuilt 110hp, 4-sp, high vol. oil pump, 12-plate oil cooler, automatic belt tensioner, powder-coated shrouds, chrome gas lines, mag rims English tonneau, white car w/red int. Asking \$4000. Al Crispin: 722-9445.

**FOR SALE:** LM shrouds - powder coated black, complete upper and lower, \$400, 1962 Rampside rebuilt 4-sp transaxle, 1964 327 transaxle case, lots of new parts. Needs body work. Al Crispin: 722-9445.

**FOR SALE:** 1965 Model 500. All there but windshield. Straight body, white paint. Not running now, but only because it has sat for too long. \$1000 OBO. Great for parts or restoration. 1962 Model 700 un-restored original with only 42,000, black paint. Really good shape. Don't have time for it but would not take much to get it going. \$2100 OBO. 1965 Corsa. Really bad shape. Free parts. I am keeping engine, trans, dash board, steering wheel and tires. Come get whatever else is good on it before I dump it! Bob Rhodes 574-8001 btr8244@yahoo.com"

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*Corvairsation ads are free to members.  
For non-members, ads cost \$3 for up to four  
lines of text. Pictures cost \$1.50 for non-  
members.*

# **Tucson Corvair Association Corvair Society of America Chapter 857**

Regular Monthly Meetings are held on the fourth Wednesday of each month.  
November meeting is on the third Wednesday.  
The December meeting is an annual Holiday Party.

Meeting Place: Broadway Cafe, 4330 East Broadway, 327-1957  
Parking Lot Bull Session: 6pm - Dinner: 6:20pm (optional)  
Meeting: 7pm.

## **Upcoming Events:**

**July 26-30 2005 CORSA**  
*International Convention* Portland, Oregon  
Host Hotel: Red Lion on the River,  
1-800-733-5466

**Sept 18 Rose Canyon Lake Fall Picnic & BBQ**  
Meet at McDonald's near Tanque Verde and Catalina Hwy  
at 10am. Bring a dish to share.



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