

NORTH TEXAS CORVAIR ASSOCIATION



TRANSAXLE TELEGRAPH

To chronicle events / communicate / entertain / instruct / inform / teach / help

A CHARTERED CHAPTER OF THE CORVAIR SOCIETY OF AMERICA

February 2007

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February 2007 Meeting

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NORTH TEXAS CORVAIR ASSOCIATION

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NTCA club dues are \$18.00 per year for CORSA members, \$20.00 per year for non-CORSA members. CORSA dues are \$38.00 per year. Support NTCA - join CORSA!

2007 PROGRAMS

March: Turbochargers
By Ken Richardson
April: Color Sanding
By Steve Kirkton

2007 COOKIE MONSTERS

Mar: Ken Richardson
April: Todd Marsh
May: Robert Freeman
June: Robert Parker
July: PICNIC
Aug: Geary and Rachel Grimes
Sept.: OPEN
Oct.: Mike Boyle
Nov.: Tom Fricker
Dec.: Mike Dobie
Jan.: OPEN



"Thank You!" to Denise Parsley, Woo Wells, and Marty Kirkton for supplying the good eats for the February meeting!

FILLER PIPE

WELCOME NEW MEMBER
Carolyn Miles

CURRENT MEMBERSHIP = 111

WHO'S DUE

Cash Case	Last Chance
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Mike Dobie	Last Chance
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Gary Duncan	Last Chance
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Kent Lamberton	Last Chance
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Chris Lampe	Last Chance
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Fred Mitchel	Last Chance
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Louis Pinard	Last Chance
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Elmer Edwards	Due in March
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Tom Hall	Due in March
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Greg Hopewell	Due in March
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Michael A Miller	Due in March
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Woody Thomas	Due in March
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Ron Turner	Due in March
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Steve Anderson	Due in April
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Jeff Christie	Due in April
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Jeff Cohen	Due in April
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George Davis	Due in April
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Ron Hilliard	Due in April
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Carless Hutson	Due in April
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Darrell Hutson	Due in April
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Larry Schmuhl	Due in April
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Lauren Thomas	Due in April
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Don While	Due in April
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Tommy Wright	Due in April
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2007 MONTHLY MEETING TALLIES

	Attendance	Total Corvairs	Early	Late	Forward Control
JAN	44	11	4	4	3
FEB	36	12	2	6	4

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***From the President
Robert Parker***



February's general meeting marked the debut of the new board of directors, and the feedback I heard was that things went fairly well. Garry Parsley did remind me, however, that the no-heckling ban will be lifted at all future meetings. That's OK – I have my mallet.

At the board meeting before the general meeting we tackled a few issues and made some decisions. This year the money raised from Marty Kirkton's basket raffles will be earmarked for anticipated expenses relating to our hosting next year's H.O.T. event. As the year progresses we'll hear more from Scott Netherton, our H.O.T. liaison, on how the details will be worked out, and where the expenses will occur.

We employ several other ways of raising funds, and last year's board under Garry came up with a good idea, the auctioning of donated items through eBay. Although it was only used a few times, it worked quite well and holds a lot of potential for us in the future. The general policy remains that the donor can specify, if he or she desires, how the money from the auction of the donated item will be used. Some examples are: donations for the Pegasus Ranch, donations to the City of Irving, or even to CORSA or the CPF. If no instructions are given, the money would go directly into the club treasury.

(Continued on page 4)

***From the Vice Pres.
Bill Wells***



The February meeting's technical program was Auto Electrical Basics, presented by Will Smith. Some of Will's information may have been redundant to some of us, but the foundation he laid will be built upon the rest of the year in subsequent sessions. The guys who have had batteries explode before were paying attention. I fielded questions from my wife and daughter all the way home regarding jump-starting. Thanks Will!

The program for March will be a session on Corvair turbochargers, hosted by Ken Richardson. All of you like me, who are constantly looking for boost, will not want to miss this.

The meeting in April will bring a color-sanding presentation, hosted by two-time Cole award winner Steve Kirkton. He obviously knows a thing or two about making clear coat shine, so if you have "orange peel" on a vehicle, you will want to attend.

As always, let me know via email or phone what you would like to see for program material and I will do what I can to bring it to you.

I would like to remind you that attending a meeting to soak up some technical knowledge is a good thing, but remember that you are also a source of information. Your experience, solutions and problems

(Continued on page 4)

***From the Secretary
Mike Boyle***



The meeting was called to order by Robert Parker at 2:09 pm.

Visitors today: Carolyn Miles (restoring a 1965 sedan). Jennifer Boyle has taken over the newsletter editor. Publicity will be handled by Robert Parker. Robert has some interesting ways to increase publicity of the club. Linda Turnbull needs the new CORSA member number on your Communiqué cover.

The Secretaries Report (Dues Due) was announced by Mike Boyle.

Marty Kirkton is continuing the Raffle. Earnings will be earmarked to finance H.O.T. next year. Marty Kirkton has two Raffle drawings today.

The Activity Report was presented by the R.O.M.E.O.s.

February 17th: Sweetheart and Orphan Car Show in Waxahachie. Dinner at Catfish Plantation afterwards.

March 17th: CR Smith Museum @ 2:00 - \$1.00 entry fee. Dinner at a local eatery. Wear something green (St. Patrick's Day)

April: H.O.T. starts on March 30th. Located in Marble Falls, TX. Car Show on Saturday and a driving event will follow. The website will have additional data.

The Program Report was presented by Bill Wells.

February: Will Smith will present a program on Engine Electrical Repairs. March: Ken Richardson will talk about Turbos.

(Continued on page 4)

(Continued from page 3 - President)

Costs incurred for processing the auction on eBay (the listing cost, shipping, etc) are subtracted from the sale and used to reimburse whoever our "agent." Last year, Garry handled this as club president. If such donations are made this year, the board will designate someone to perform that function. So, if you are looking for a way to help NTCA or some other entity in the Corvair world, consider donating something to be auctioned on eBay. A word of caution, however: The item itself does not have to be specifically Corvair-related, but we don't need to be turned into a clearing house for used furniture, either.

We'll talk more about raising funds for other purposes as the year progresses. In the meantime, I hope to see you in Waxahachie for the Sweethearts & Orphans Show. Maybe we'll get lucky with the weather this time!

Robert E. Parker



(Continued from page 3 - Vice President)

can and do benefit everyone. If you have been on the fringe for a while, come to a couple of meetings and share your victories and your struggles with us.

I will be sending out an email soon asking for club members who may need some help getting their car back on the road and on display at a meeting. Give some thought to whether you really want to drive your car and if so, what it realistically needs to be on the road.

Thanks,
Bill



(Continued from page 3 - Secretary)

April: Steve Kirkton will demonstrate color sanding.

Mike Dobie had a Tech Tip on trunk painting. Use cheap primer first, and then use the expensive stuff on top.

Cookie Monster this month is Denise Parsley, Marty Kirkton, and Woo Wells. Herb counted the Corvairs in the parking lot: 6 late, 2 early and 4 FCs. Please send a Get Well card to Fred Johnson.

The presentation on Engine Electrical Troubleshooting followed Open Forum.

The meeting was adjourned at 4:40.



March Activity

Our March activity will be a visit to the CR Smith Museum in Forth Worth. The date will be Saturday, March 17, 2007, and the time is 2:00 pm. If this is your first visit to the museum it is a great adventure for all. It features exhibits about American Airlines, commercial aviation, and airline history. There is a large screen theater and a restored DC3.

The museum location is:
4601 Texas Highway 360 at FAA Road, Fort Worth, Texas
Cost of admission is: \$1.00 per person (all ages)

After the visit to the museum, we will gather for dinner at a restaurant of our choice. It is St Patrick's Day, so wear something green! This is a rain or shine event so plan to attend.

Questions? Contact: Corbin Tayloe 817.430.1910



ACTIVITY CALENDAR

February 17	Sweetheart and Orphans Car Show—Waxahachie	
March 16—2:00 pm	C.R. Smith Museum	Corbin Tayloe
April	Heart of Texas (overnight)	Scott Netherton
May	Fireworks—Caddo Mills	Harold Layher
June	Poker Rally	Tom Fricker
July	Picnic—Mike Boyle's house	All ROMEOs
August	JFK Museum	John D'Angelo
September	Fort Sill & Wildlife Refuge Museum (overnight)	Todd Marsh
October	Autumn Trails	Corbin Tayloe
November 18—3:00 pm	Richardson Theater	Harold Layher
December	Prairie Lights – Grand Prairie	Tom Fricker
January '08	Banquet	John Tanner

February Activity

The North Texas Chapter of the Hudson-Essex-Terraplane Club invites you to join us for Sweethearts and Orphans VIII. We'll gather in historic Waxahachie, Texas, to renew old friendships, create new ones, and to honor our Significant Others during the Valentine season! Shake off those winter blahs, fire up your favorite orphan car, and come join us!!!

Our continuing purpose is to bring together the owners of all kinds of "orphan cars". To retain the "vintage" flavor of the meet we're requesting participation of pre-1980 vehicles only (except for some bona fide classics).

Sweethearts and Orphans is a non-judging meet. S&O meets aren't about competition. We just want to enjoy our unique and beautiful cars and to foster friendship among orphan car owners in a fun and laid-back setting. There will be Peoples' Choice (by decade) and Sweethearts' Choice awards, but good friends are the real prizes you win at this meet.

For more information see the Sweethearts and Orphans VIII website at: www.nashcarclub.org/event/S&O-VIII.pdf

NTCA Plans

We will meet informally about 1:00 pm around the Waxahachie City Square. Cars will be displayed in the square from 9:00 am—3:30 pm. We will then drive to Catfish Plantation Restaurant, planning on arriving around 4:30 to beat the crowds. There has been talk that the restaurant may no longer be open, it is currently up for sale. If the plans change, there will be an announcement when we gather at 1:00 pm. You can also plan to attend the play "Barefoot in the Park", playing at 8:00 pm, details are on the Sweetheart and Orphan website (see above.)

Questions? Contact Harold Layher at 972.867.6048



33rd Annual Ft. Worth Rod and Custom Car, Motorcycle and Truck Show

Mike Dobie and Scott Netherton will be placing cars in this car show. Support your fellow NTCA members by attending the show!

Amon Carter Exhibit Hall
Will Rogers Memorial Center
3401 West Lancaster Ave.
Fort Worth, Texas 76107

Hours:

Friday, March 2: 4 pm—11 pm
Saturday, March 3: 10 am—11 pm
Sunday, March 4: 11 am—7 pm

Trophy presentation is Sunday, March 4 at 4 pm on the Main Stage.

Admission:

Adults: \$12.00
Children 5—12: \$5.00
Children under 5: free

Live entertainment by Flipside.

For more information, visit their website at:

www.txshowcar.com



April Activity

The April activity is the HOT 2007 overnigher in Marble Falls, Texas. This event is from Friday, March 30—Sunday, April 1. The host hotel is the Hill Country Inn, 1431 and 281, Marble Falls. The price is \$84 a night plus tax. Contact the hotel, 877.977.6634, directly to make reservations before March 1 to receive the group rate. Remember to mention HOT Corvairs to receive the group rate.

Friday: Hospitality Room
6 pm—?

Saturday: Car Show
10 am—12 noon
Driving Tour
1:30—4 pm

Banquet—River City Grill
6:30 pm—?
Sunday: 2008 HOT Meeting
TBA

For more information, check out the HOT website at:
www.lonestarcovairs.com/hot2007 or follow the links on the NTCA website.

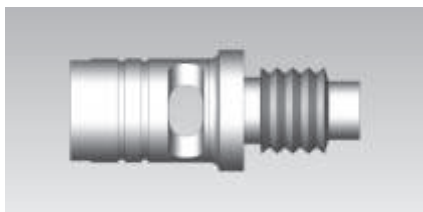


Corvair Rochester Float System by John Martin

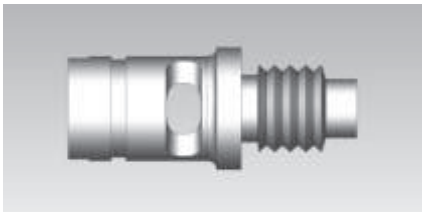
Part 1 (Watch for part 2 next month!)

After presenting a program on carburetion in October, 2005, I was asked by long time NTCA and CORSA member, Fred Johnson, if I had written any articles about my program. So to honor Fred's request, I am writing this one. Many books have been written about it and I will examine areas which to the best of my knowledge have not been covered in much detail.

The first area to cover is the float system and more specifically, the needle and seat. According to the Chevrolet parts catalog, P & A 30C, lists two needle and seat assemblies for the Rochester carburetors. Part number 7023814 is for the '60 to '63 models and has a .058" diameter fuel orifice. Part number 7023803 is listed for the '64 to '69 models and has a .084" diameter fuel orifice. I have NOS parts of each and have verified these diameters. Unless you have product drawings, I can't say what the tolerances where on these hole diameters. This hole diameter has great importance as to the proper operation of the carburetor. There is an easy way to identify these by the grooves on the outside diameter of the seats.



'60 to '63 Seat



'64 to '69 Seat

There are other Rochester needle and seat assemblies that have other grooves cut to identify their size. Cur-

rently a replacement that is available is the exception to the rule and has no identifying bands and its diameter is between .096" and .101". For most normal applications, this will raise the dynamic float level in the bowl above the static level adjustment. I personally would not recommend this for the "normal" stock street operation, unless you are willing to experiment with various float level settings. This large size maybe warranted in specialized racing applications. Larger sizes also allow for purging fuel vapors.

Another item worth mentioning at this time is the "caged" double ball type seat which is great for shutting off the fuel supply. It is so good that if your car or van is not run regularly, fuel "varnish" can actually make them stick shut. It can be very trying to start and keep the engine running when one carburetor will not fill with fuel. Another problem is the inlet size of the ones I bought has about a .067" diameter. Too small for a 164 CID engine and just slightly too large for the '60 to '63 models, unless you are willing to play with the static float level setting. The original source that made this Grose Jet is no longer producing these for whatever reason. I have used these on other applications and was very pleased with the results as long as the proper inlet size is available and as long as you can keep oxidized gasoline from having them stick shut.

I have said much about the inlet size of the seat affects the float level, let's examine the importance of the float level in the carburetor. The level of fuel in the bowl is critical because its height determines at what engine speed gasoline will start flowing from the venturi cluster. A float level too high starts fuel flowing from the venturi cluster while the off-idle or progression circuit is still flowing fuel and creates a rich

overlap between these two circuits. The float level being too low and there is a "lean hole" between the off-idle circuit and the main metering circuit. The off-idle circuit's flow is progressively slowed, but the main metering circuit supplied through the main jet and venturi cluster hasn't started up yet.

Symptoms of too high a float level are black smoke flowing from the exhaust, higher than normal fuel consumption, difficult engine restarting after a hot-soak of 15 to 30 minutes. Conversely, if the float level is too low, severe hesitation on acceleration, overheating while the engine is under heavy load, and a lower than average fuel consumption if driving at moderate speed.

You are probably saying now, "I already know I very accurately set the float level the last time I rebuilt the carburetors"!! By setting the float level during a rebuild is a "static" setting and we all know or should know the float along with the needle and seat assembly is anything but a static application when installed on an engine that is running. Gasoline is being metered into the engine all the time it is operating, even during deceleration, although fuel is not needed during this mode of operation. The float along with the needle and seat are alternating allowing fuel into the bowl to replace consumed fuel and stopping the flow of fuel when the float forces the needle against the seat. This opening and closing of the needle and seat is continuous as the engine is running to maintain a constant fuel level.

To be continued...

Look for other articles on other circuits of the carburetor as time permits. Happy Birthday Kenny and Thank you, Fred!!

John Martin



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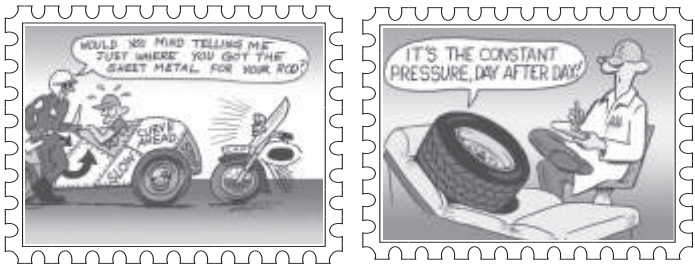
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	Mevis	
	Irving Blvd.	



From: www.carcrazycentral.com

NOTICE:

The April meeting is the week
after the April activity!

April 7, 2007



CLASSIFIED ADS

Material collected at each meeting, or taken from the bulletin board at each meeting, will be published here for three months free to members.



FOR SALE (Jan.) 60 Corvair 700 2-Dr. PG. Poor interior, good body. 64 engine in it, but includes a 60 motor and 3-sp trans. Good gas heater in car. Stored inside since 1981 near Seguin. Ritchie Forest at 512.557.0703 or email sandrajanine@yahoo.com

FOR SALE (Jan.) 60 Corvair, 2nd owner. New floors, carpet, seals, interior, brakes, tires. Only needs headliner. Also new 60 Corvair baby moon hubcaps. Went thru the motor and replaced all gaskets. Also a new carb. Motor out of car to do the work A 60 manual goes with it. Dennis. Email or call me at 940.482.3910. dnns_hendricks@yahoo.com

WANTED (Jan.) 65-69 Corvair body in decent shape for a project. Located in the Panhandle area. Glenn Chambers gdgrcham@cableone.net

FOR SALE (Jan.) 62 Monza 4-dr. 4-speed. One-owner. A good base for restoration. Viewable at 1906 Parkside, Irving. Call for more details. Jim Beaver (972) 253-5425

FOR SALE (Nov.) 61 Lakewood 700 wagon. White/red. 80/PG. Needs some work but is super straight and solid. Powder coated wheels and engine sheet metal. \$3,000. Jim Becker 972.495.7596

WANTED (Jan.) 65 Greenbrier. Located in south Texas. Michael Bertrand. Michael.Bertrand@vistacare.com

FOR SALE (Feb.) 64 500 coupe, 3-speed, located in Salado, TX. Title available. Not running. Good parts car or project car. For more information or to make an offer contact Lee Page at 903.920.2072 or the6pages@earthlink.com.

FOR SALE (Feb.) 3 sets of 14" 3 prong wire wheel covers—different conditions and prices.
2 sets of 13" 3 prong wire wheel covers
1 set of 13" 2 prong wire wheel covers
3 engines.
Windshields: 2 like new EM, 1 shaded
2 Rampsides—complete but rough, may be restorable, both manual transmission.
2 Greenbriers—complete but rough, may be restorable
'60—4 door, rough
'61—2 door with factory air, rough
'62—2 door, rough
'64—2 door, rough
I can deliver within reasonable distance for gas money. Best time to call is mornings—6-9 am, or evenings 7-11 pm. Rickey Meals, 104 E 2nd St., Clarksville, TX 75426 phone: 903.437.3390

WANTED (Jan.) NOS or good used parts for Rampsides — sheet metal, dog legs, windshield, everything for restoration. I am at Shepard AFB in Wichita Falls, Tex. Eddie matchlessmo@yahoo.com

FOR SALE (Jan.) 65 Monza 2-Dr. 110/PG. 55K original miles. Factory air works. Interior redone. Always stored inside. Third owner. New gas tank, battery, tires. Brakes redone and engine tuned. Originally blue, repainted white. Located in Paris, Texas. Asking \$5800. Call Ted Koplín any time at 214.435.1192.

FOR SALE (Feb.) 1963—900 Coupe 4 speed and 1963—700 Coupe AT. 2 extra engines. Not drivable, but runs. Last licensed around 1983. Restoration started on one, but not completed. Ill health forces sale. Asking \$1,000 for package. Ken Smith, Rt. 1 Box 1294-7, Hemphill, TX 75948. 409.625.0753

FOR SALE (Feb.) 1967 Monza hardtop AT. Rebuilt engine in 1989 with 2500 miles on rebuild. Owned by one family, not driven much, kept in garage. May need electrical work. Kirk Douglas, 972.890.1758 or hiked@hmma.com



2007 NTCA CALENDAR

- FEBRUARY 17** *Special Activity.* Sweethearts and Orphans Car Show.
- MARCH 3** *Regular Monthly Meeting* at 2:00 PM at the Garden & Arts Building, 906 Senter Street in Irving
- MARCH 17** *Special Activity.* C.R. Smith Museum in Fort Worth.
- MARCH 30** *Special Activity* HOT overnigher in Marble Falls, TX.
- APRIL 7** *Regular Monthly Meeting* at 2:00 PM at the Garden & Arts Building, 906 Senter Street in Irving
- MAY 5** *Regular Monthly Meeting* at 2:00 PM at the Garden & Arts Building, 906 Senter Street in Irving

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www.northtexascorvair.org

or through the CORSA Local Chapters page at

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