



www.volcanoas.net

Meeting: Church of the Nazarene – 16850 NE Fourth Plain Blvd, Vancouver, WA - Second Monday of Month – 7:00 PM
 Guys breakfast meeting every Wed. (7:00am) at Hockinson Café, 219 NW 20th Ave, Suite 100, Battle Ground, WA
 Guys lunch on Fridays (11:30 am) at Benny's Pizza & Café on 4219 St Johns Rd NE, Vancouver, WA

Volume 3 Issue 5

May

2014



2014 Club Officers

President:

Jerry Lane - 360-263-6980
northforkmuseum@gmail.com

Vice President:

LeRoy Helyer - 360-666-1469
shelyer@comcast.net

Treasurer:

Linda Willey - 360 687-0916
lindawilley@mac.com

Secretary:

Becky Blick -360-687-5241
mblick53@aol.com

Member at Large:

Leonard Willey - 360-687-0916
lindawilley@mac.com

Past President:

Jack Dusenberry - 360-256-0149
jdusie@comcast.net

Editor:

Bob Rusunen - 360-828-5317
rrusunen@comcast.net

Photo of Month



1930 Fordor Town Sedan



in order that you may feel free



President's Note April 28, 2014

OK I am a day late and a dollar short, so here is my excuse. This last week has been too wet to be on the tractor fertilizing the fields so I decided this would be a good time to work on the 30 Fordor for the trip to Don & Ruby's this Sunday. The first project was to remove the down draft carburetor and manifolds, upon doing this I found an exhaust leak at the rear exhaust port and burnt badly. So I went through my parts bin and found good manifolds, so I cleaned these and installed them on the car and experimented with different carburetors. Now we are starting to run well until the crankshaft pulley fell off. This was a two piece pulley and was badly worn, so back to the parts bin, the ones I found looked like sturgeon sinkers, so off to Janet's to purchase a new one piece pulley. After examining the used pulleys I decided a one piece pulley would be the best way to go, but this meant pulling the hood, radiator and shell plus wiring and other surprises. OK it is passed dinner time and the new pulley is on and motor mounts fastened back up and fan belt on. OK tomorrow is a new day with renewed energy and positive ideas to finish this project.

This Sunday May 4th we will be meeting in La Center at 4th & Aspen at 9:15 AM and leaving at 9:30 for our tour to Don & Ruby Knudson's potluck picnic.

See you then,
Jerry

Committee Chairs

Community Service: Sherry Rusunen
Garage Workshop: Tom Pagel
Library/Historian: Terry Findley
NW Regional Rep: Jack Dusenberry
Public Relations: Dian Lane
Refreshments Coordinator: Nancy
Wooldridge
Sunshine: Pat Dusenberry
Tour Director: LeRoy Helyer
Webmaster: Bob Rusunen



May 11, 2014

Articles and contributions are encouraged and may be used as space permits. The deadline for all articles is the 20th of the preceding month. The Volcano View is a monthly publication of the Volcano A's Chapter - MAFCA
E-mail all proposed articles to:
rrusunen@comcast.net.

Front Page Photo

Here is Jerry Lane's latest addition to his Ford Collection a 1930 Fordor Town Sedan.

Volcano A's General Membership Meeting Minutes

April 14, 2014

CALL TO ORDER: 7:00 pm by President Jerry Lane.

TREASURER: Linda Willey gave the treasurer's report.

VICE PRESIDENT: Leroy Heyler said there will be a tour this Saturday to Museum in Washougal, Anderson Dairy in Battle Ground, then lunch at Mill Creek Pub in Battle Ground.

COMMUNITY SERVICE: Sherry Rusunen said keep the food donations coming in for the Food Bank!

SUNSHINE: Pat Dusenberry reported that Jack is here at the meeting and doing well!

LAVA LADIES: Dian Lane said the ladies will have lunch at Albertina Kerr house on Saturday, April 26th. On Saturday, August 23rd, the ladies will sell coffee at the LaCenter car show.

OLD BUSINESS: Minutes were approved and accepted as printed.

Jerry Lane reported the NW Regional Meet will be June 23-28th, 2015 in Walla Walla, Washington hosted by the Marcus Whitman Hotel.

The seminar tonight will be on restoring speedometers.

Knudsen picnic will be at Don and Ruby's on Sunday, May 4th. Chicken will be provided, bring side dish and drinks and lawn chairs. Depart from LaCenter at 4th and Aspen at 9:15 am.

Swap meet was a lot of fun and we sold quite a few small parts and cookbooks.

NEW BUSINESS: The Fletcher-Anderson picnic will be June 14th, Saturday at 11:00 am.

PROPOSED NEW CHANGES TO BYLAWS FOR SECTION 15 AND 16:

The update to Article V, Section 15: Editor. Item (d) is the new addition (underlined).

SECTION 15: Editor

The President shall appoint the Editor.

(a) The Editor shall publish a monthly newsletter to be distributed to members that are in good standing, paid annual dues, and are on the authorized membership roster the first of the month.

(b) The Editor shall be responsible for the distribution (preferably electronically or US Postal Service) of the newsletter and any other notices.

(c) The Editor shall annually prepare a membership roster for distribution to all members by the March meeting. Membership rosters will be available at monthly meetings and will not be mailed via US Postal Service to members.

(d) Any and all costs (approved by the Board of Directors) incurred by the Editor related to the preparation and distribution of the monthly newsletter and annual membership roster shall be reimbursed by the club Treasurer on a monthly basis.

Here is the proposed new section under Article V - Officers and Board of Directors

SECTION 16: Webmaster

The President shall appoint the Webmaster.

(a) The Webmaster shall have knowledge, training and skills in developing and maintaining website planning and maintenance.

(b) The Webmaster shall ensure the club website URL (www.volcanoas.net), site hosting plan (website server entity), domain privacy certificate, and website software program are maintained in current status, and annual website fees paid.

(c) The Webmaster shall be responsible for monthly maintenance of the www.volcanoas.net website by updating information, data and photos for the various website pages.

(d) The Webmaster shall annually prepare budget data and costs incurred during the year regarding website URL registration renewal, site hosting plan, domain privacy fee, and software application program. This information shall be available for the January Club Board Meeting.

(e) Any and all costs (approved by the Board of Directors) incurred by the Webmaster related to the www.volcanoas.net website shall be reimbursed by the club Treasurer on a monthly basis.

RAFFLE: 50/50 raffle was won by Becky Blick.

REFRESHMENTS: Nancy Wooldridge provided Easter cookies, homemade banana bread, fresh fruit and juice.

ADJOURNED: Meeting was adjourned by Jerry Lane.

Respectfully submitted by Becky Blick.

HAPPY ANNIVERSARY

13 Dan & Amanda Spoelstra

Happy Birthday

- 15 Alicia Erickson
- 16 Roberta Emerick
- 17 Bill Dietrich
- 25 Ruby Knudsen
- 28 Don Knudsen
- 29 Bill Peden

Refreshments

May: Marilyn Elvestrom & Ruby Knudsen

June: Dian Lane & Becky Blick

July: Carma Huset & Patty Sondenaa

August: Club Picnic

September: Sandra Guyot, Jane Hall & Dee LaBarre

October: Jennie Ryan & Joyce Swartz

November: Roberta Emerick & Dianne Earnest

December: Holiday Potluck at the Lane's

Trivia Knowledge Nugget
Kites were used in the American Civil War to deliver letters and newspapers.

MAFCA 2014
National
Conference
Puyallup, WA



Remember

Knudsen's Pot Luck

Don & Ruby Knudsen are going to host a Pot Luck function at their place in Cathlamet, WA on Sunday May 4th. Bring your food, drink and lawn chairs.

Community Service

The total food collection for April was 183 pounds!!! Great show!!! Our total now for the year is 565 pounds!! Keep up the good work and shop. The food bank needs our help!!

Ford Factory Foto
of the Month



1931 68-C SW
Cabriolet 2



Armed Forces Day

May 17, 2014

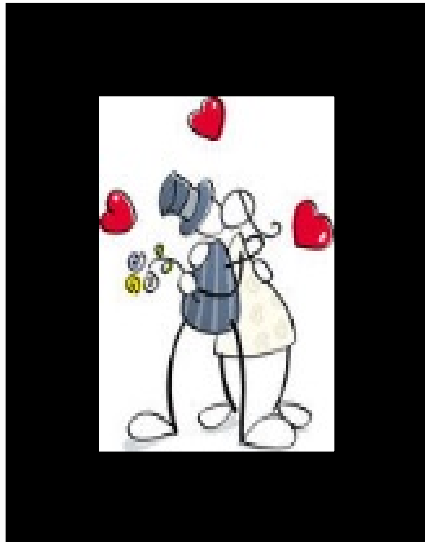


Remember Our Soldiers on Memorial Day.

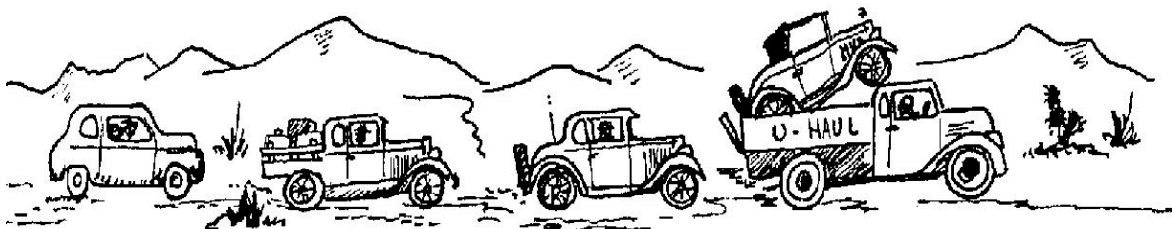
May 26, 2014

Lava Ladies

The ladies had a very enjoyable lunch at Albertina Kerr on Saturday, April 26th. The food was fabulous and I think we were all able to find something at one of their shops. Several garden themed items were purchased for our regional basket. It was great knowing that 100% of the proceeds go to the Albertina Kerr Foundation, the kitchen and shops are all staffed by volunteers. Attending were: Sandra Pargman, Alicia Erickson, Linda Willey, Carma Huset, Becky Blick, Joyce Swartz, Lynn Mattingley, Pat Dusenberry and Dian Lane. No event in May and we will discuss our June event at the May Membership meeting.



*We invite you to a combined
50th Wedding Anniversary party for
Leonard & Linda Willey
and
Lynn & Marilyn Elvestrom.
July 12th - 12:30
at Jerry and Dian Lane's Museum.
The "Lewis River Dixie" Band will be
entertaining us. Please bring a salad!
No gifts. You'll surely enjoy this!*





Header from the MAFCA Website

MAFCA President's Page - Dan Foulk - April 2014

Shelby and I have been home from the "A" Texas Spring Tour for less than four days and I am ready to go again. If you are thinking that it sure was a long tour, then you need to know that the tour actually was over on the 14th of March. The rest of the time we were just driving around Texas and stopping to see relatives, etc.

It seems like every time there is one of these events, the anticipation of it is much more complicated than the actual event. For this tour, we drove our RV to Texas and trailered the Model A. We were to park in the Comal County Fairgrounds. I searched the internet to see what the RV facilities looked like in the fairgrounds but could find nothing. Looking at the map, it just wasn't clear to me. It was starting to get dark when we reached the fairgrounds and I was really concerned that I wouldn't be able to find where I was supposed to park. We drove to the address of the fairgrounds, looked to the right, and bingo! There was one other RV and all of the car haulers that people staying at the hotel had used to trailer their Model A's. We pulled in and parked...no one around. In fact, we were parked there for ten days before we were able to get to the office to pay for staying there. These Texans are very trusting people!

That evening, we called friends and they wanted us to join them for pizza. By then it was very dark and, of course, I got lost finding the pizza joint. Ended up about ten miles away and had to call to find where I was supposed to be. Driving my Model A at night (especially when I am lost) drives me crazy. My Model A is a roadster pickup and the windows are the isinglass-like type so you can't see very well out of them. We got back to the motor home and slept fitfully that night.

The next morning, we drove to the host hotel, got registered, and hung around the lobby and registration/raffle room so we could meet everyone as they came in. Sometime during the day, I mentioned that my Model A had been diagnosed with a noisy timing gear by my mechanic back in Bakersfield, but that he thought that it would be alright for the tour. I was telling this to one of the co-hosts, who happened to be James Taylor. Jimmy wanted to hear it run. After hearing it run, he said, "I wouldn't drive it. If you can find a timing gear, I can change it in less than an hour." We found a timing gear and Jimmy changed it in 45 minutes. You meet great people on these tours! Jimmy probably fixed 8 or 10 Model A's during the next 4 days, including one clutch replacement.

Monday we drove about 105 miles--lots to see. Our stopping point was Marble Falls. I'll leave the details to the tour write-up in the July/Aug Restorer. Jimmy put new tires on Garth's car here. Tuesday we drove from Marble Falls to Fredericksburg--lots of shopping opportunities in Fredericksburg. Wednesday and Thursday nights we stayed in Kerrville where the host hotel was the very unique YO Ranch. Great farewell dinner. Drew the raffle prizes here; Shelby won a necklace, I won zip. Friday we drove back to New Braunfels on great roads all the way with very little traffic.

When we got back to the motor home on Friday, my sister came up from San Benito and parked next to us. This was the first time I had seen her in three years. The next day, my daughter, granddaughter, and granddaughter's boyfriend and his parents came to the camp and we had a good old-fashioned family reunion right there in Texas. We had a blast! In fact, the entire time spent in Texas was a blast. I heartily recommend it.

If you have any questions, please do not hesitate to email me at president@mafca.com. My home phone number is (661) 393-2795 and my cell phone is (661) 303-1114. Keep 'em Crankin' 2014 President Dan Foulk

<u>Information</u>	<u>2014 Events</u>
<p>The Model A Ford Club of America, Inc. (MAFCA) is a California non-profit corporation and a national historical society dedicated to the restoration and preservation of Model A Ford vehicles as manufactured from 1928 through 1931.</p> <p>MAFCA's members are dedicated to the restoration, preservation, and enjoyment of Ford vehicles of that era. MAFCA is the largest club in the world dedicated to one make of automobile. Volcano A members are urged to join the Model A Ford Club of America, Inc. Visit the MAFCA website for a membership application. Dues are \$40 yearly and include a subscription to <u>The Restorer</u>.</p>	<p>Central California Regional Group Jamboree April 4-6 - Paso Robes, California Host: Paso Robes A's</p> <p>Northern California Regional Group Roundup May 23-25 - Milpitas, California Host: Santa Clara Valley A's</p> <p>Central - Midwest Meet June 9-12 - Tulsa, Oklahoma Host: Tulsa Model A Ford Club</p> <p>MAFCA National Convention July 14-18 - Puyallup, Washington Host: Gallopin' Gerties of Tacoma</p>

**You Are Invited to the
Ninth Annual Pacific Northwest Model A Picnic
Saturday, June 14, 2014**

The picnic will take place at 1354 Pleasant Valley Road, West of Chehalis, WA, and includes Model A's, pre-war, and classic automobiles. This year's theme will be "1936 Dust Bowl Okies on Route 66" and features the **Palm Court Dance Orchestra** playing Depression Era music. Everyone is encouraged to dress 1930s era.

What to Bring: Pot-luck food and folding chairs

Note

No hot-rods, street-rods, resto-rods, or rat-rods allowed in the Picnic/Exhibition area.

Ticket Activity

White: Tickets for the Grand prize will be given all antique and classic cars as they enter the covered bridge.
Green: Tickets for the door prizes can be picked up at the booth in the picnic area.
Red: Ticket for the Beam's Model "A" Pickup Decanter drawing will be sold at the booth in the picnic area.

Many thanks to Don Hufschmid from the Cascade Pacific Plymouth Club for donating the beautiful decanter.

Schedule of Events

11:30 am	Biplane arrives
12:00 Noon	Orchestra performs first half of program
	Intermission: Red ticket drawing for Beam Decanter Green ticket drawings for Door Prizes
	Orchestra performs second half of program
	Fashion Show
	White ticket drawing for the Grand Prize Pedal Car
	Biplane take-off

Facilities: Out-houses, water and washing facilities. Handicap parking available - ask parking attendant.

The hosts and sponsors of this picnic wish to thank the visiting clubs for bringing and showing theirs cars.

Special thanks to Rod Rice for supplying the hamburgers and condiments.

Ford Advertisement - Tudor Sedan



THE NEW FORD TUDOR SEDAN

Safely to the journey's end. LONG TRIPS are pleasant in the new Ford because of its easy-riding comfort. The restful, well-upholstered seats invite you to sit back and relax and enjoy the panorama of the passing miles. Steadily, evenly, you travel along because of the specially designed springs and four Houdaille double-acting hydraulic shock absorbers. They cushion the car against hard jolts and bumps and smooth your path along every highway. Equally important to the enjoyment of motoring is your confidence in the mechanical reliability of the Ford. No matter where you go—near or far—day or night—you know it will bring you safely, quickly, comfortably to the journey's end.



Model A ERA Clothing Fashions

McCall's Magazine for September, 1921
39

Prices Cut 50%

We offer you twice as much for your money as we did a year ago. Now the bargain on this page. 3,146 new styles in our big FREE catalog. This is how we cut prices:

THIS YEAR'S STYLE	LAST YEAR'S STYLE	THE SALE
Cost . . . \$9.95	Cost . . . \$18.90	Cost . . . \$18.00
Dress . . . 6.00	Dress . . . 14.98	Dress . . . 8.00
2 Aprons98	2 Aprons . . . 2.96	2 Aprons98
\$11.91	\$33.72	\$23.91

Chicago Mail Order Co.
SPECIAL BARGAIN PRICES
Fall and Winter 1921
Bargain Book of Style Guide

MONEY BACK IF WANTED
You can have your money back if for any reason we fail to satisfy you.

WE DELIVER ALL GOODS FREE

This Style Guide and Bargain Book FREE
3,146 Styles—241 Color Pictures

2 House Aprons for 98¢

\$6.98

EVERYTHING TO WEAR for Men—Women—Children GUARANTEED LOWEST PRICES

Women's and Misses' Dresses	40c to \$18.98
Women's and Misses' Skirts	\$10.00 to \$25.00
Women's and Misses' Waists	\$5.00 to \$10.00
Women's and Misses' Blouses	50c to \$18.00
Women's and Misses' Hats	75c to \$5.00
Women's Men's and Children's Shoes	80c to \$5.00
Children's Apparel	50c to \$6.00
Men's Wear—Suits	—
Overcoats, Raincoats	\$7.00 to \$20.00
Boys' Wear	40c to \$10.00

FREE TODAY—Use Coupon

Chicago Mail Order Co.
CHICAGO, ILLINOIS 60611

Source: Phillip Lensen at vintageadbrowser.com

Technical Notes

Zenith Carburetor Information & Areas of Trouble

By Lynn Sondena - Sandy, Oregon

I will start with a famous quote from Henry Ford, "Keep the carburetor clean and don't tinker with it". The carburetor gets a lot of blame for problems when it is actually electrical or ignition problems. If the problems in these areas have been eliminated here are some carburetor items to check, along with some valuable information.

- Paint the carburetor, sediment bulb, and engine splash pans with lacquer paint. It is more resistant to gasoline and is less likely to dissolve. Do not use enamel as gasoline will easily remove it from metal surfaces.
- An old time remedy to stop gasoline leaks is to coat the leak with shellac.
- The diameter of carburetor jets can easily be checked using **number** twist drill bits or pin hole gages.
- Jet sizes: main 63 or 64 cap 62 or 63 compensator 65 idle 75
- Jet threads are 5mm 75 pitch.
- A worn throttle shaft or casting will cause rough idle due to a vacuum leak. (Fig.1)
- An incorrect throttle sutter plate angle will also cause a rough idle. (Fig.2) This is due to air leakage.
- Fuel leaks between the upper carburetor body and lower carburetor bowl are caused by the following problems:
 - Non-parallel surfaces - draw file using a single cut mill bastard file. (Fig.3)
 - Bad gasket
 - Float level set too high
- Drain plug leaks are due to the following:
 - Bolt head gasket seat is not smooth. Use a single cut mill bastard file. (Fig.4)
 - A loose bolt can cause a leak. Don't over tighten and strip threads.
 - Bad gasket
- Irregular fuel flow can be caused by the following items:
 - Fuel tank valve screen partially clogged.
 - Sediment bulb filter partially clogged.
 - Fuel strainer on carburetor partially clogged.
 - Using a micro-filter screen
- Two areas to check on the fuel strainer (A-9559) of the carburetor are:
 - Too much solder on the screen. (Fig.5)
 - Fuel line not cut at a 15 degree angle causing a slight blockage. (Fig.6)
- The adjustment needle and idle mixture screw must seat properly. Check for the following problems. (Fig.7)
 - Bent needle
 - Scored needle
 - Flat spots on needle
- A fuel leak at the gas line to carburetor is usually caused by a rough seat area inside the carburetor housing. This is repaired by using a small hone to smooth the seat. (Fig.8)
- With the float, it is a good idea to test for leaks by submerging in very hot water to see if there are holes or cracks causing leaks.



Fig. 1



Fig. 2

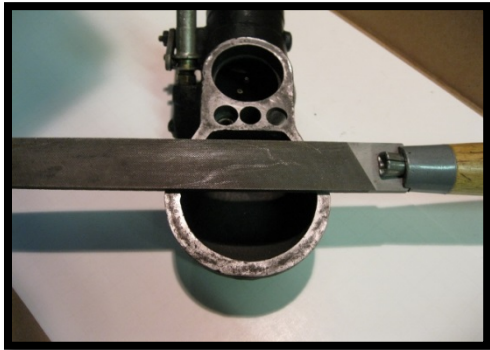


Fig. 3



Fig. 4



Fig. 5

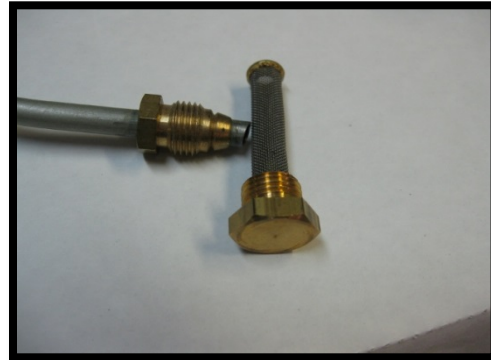


Fig. 6



Fig. 7



Fig. 8

Zenith Carburetor Trouble Shooting List

Rough Idle

- Compensator jet too large
- Compensator jet clogged
- Vacuum leak at intake manifold

Engine Stalls

- Low idle speed
- Low float level
- Sticking float needle valve
- Vacuum leak
- Incorrect choke adjustment

Loss of Power or Speed

- Main jet size too small
- Main jet partially clogged
- Low float level
- Fuel mixture too lean

Engine Missing

- Main jet too large
- Compensator jet too small
- Fuel restriction

Engine Speed Surges

- Clogged fuel filter at sediment bowl
- Clogged fuel filter at carburetor fuel strainer
- Dirty air filter (Only if one is being used)

2014 Calendar of Events

Jun 7, 2014	32nd Annual All Ford Show & Swap Meet; Hillsboro, OR
Jun 14, 2014	NW Annual Model A Picnic, Chehalis, WA
Jun 15, 2014	Willamette Valley A's Auto Swap Meet; Salem, OR
Jun 20, 2014	34th Annual Swap Meet; Brooks, OR
Jul 4, 2014	July 4 th Parade, Ridgefield, WA
Jul 14-18, 2014	2014 MAFCA National Conference, Puyallup, WA
Aug 8-10, 2014	Pig-n-Ford Races, Fair Grounds, Tillamook, OR
Sep 13, 2014	All Ford Car Show and Swap Meet, Old Town Orcutt, CA
Sep Date TBD	Volcano A's President's Tour
Nov 1-2, 2014	Bremerton Auto Swap Meet, Bremerton, WA
Nov 11, 2014	Ft. Vancouver Veterans Day Parade, Vancouver, WA
Dec 8, 2014	Christmas Potluck & Auction, Lanes Museum

Franz Bakery Tour - 3/26/2014

Bob & Sherry, Terry Finley, Don & Dee LaBarre, Rich & Joanne Simpson, Richard & Sandra Pargman, Alicia Erickson, Bill & MJ Peden, Gary & Joyce Simpson, LeRoy & Sandy joined for lunch at Elmer's prior to our yummy Franz Bakery tour. Free lunch winners were Bob & Sandy.

Donning the red hair nets with jewelry removed or covered, we proceeded at Franz Bakery to learn & watch how 1 + 1/2 million hamburger buns are made. Who knew Franz made buns for so many different franchises? So much work for just a bun!! Many machines were sifting, mixing, baking & packaging products. One batch of dough weighed 1200#. I might add, the dough was unbelievably cloud soft, but no napping in it was allowed.

Our host, Mary Roane, was exceptionally gracious, informative & personable. Everyone went home with a bag of goodies, bread, cookies, & sandwich containers souvenirs. A huge thank you to Mary Roane as our tour guide. Rain may have kept the Model A's at home, but not the fun.



To see more pictures visit the Touring tab on our website at www.volcanoas.net.

Two Rivers Museum & Anderson Dairy Tour - 4/19/2014

The 2 Rivers Museum had a new & wonderful collection of antique items beautifully organized in several rooms. Included were some hand woven baskets valued at \$12000.00!!! We also enjoyed listening to a player piano. One of the volunteer's sons is an astronaut on the international space station.

Anderson Dairy makes a million plastic bottles a day. That's 10 bottles every 7 seconds. They supply all of the milk sold at Winco stores in WA. & Or. with the production rate of 45,000 gallons of milk a day! If their milk is bottled today, it is on the shelf tomorrow. Imagine all this productivity in our own back yard.

A wonderful lunch at Mill Creek Pub was enjoyed by Linda & Leonard Willey, Diane & John Ernest, Ron & Jane Hall, Gary Swartz, and Sandy & LeRoy Helyer. Free luncheon winners were Leonard Willey & Ron Hall. There were 2 model A's on the tour driven by Leonard & Linda Willey and Gary Swartz.

August 8-10th Tour - "A Fair to Remember" - Tillamook County Fair

Anytime we get together for a tour it is something to remember. The places we explore, the fellowship we enjoy, and the memories we collect. Therefore, the tour scheduled for August, I am sure, will be "A Fair to Remember." On Saturday we will attend the fair. There are several things to do while at the fair; looking at the exhibits, listening to music, enjoying the food. However the best part (at least I think) about this "Fair to Remember" will be sitting in the grandstands, watching the Horse races (wagers allowed for those who would like to take a chance on the winning horses) and then the Pig-N-Ford championship races for the season.

The Pig-N-Ford races started in 1925 when two local farmers were chasing a runaway pig in their Model T's and were having so much fun, they decided it should be a race at the next county fair. The drivers belong to the Tillamook County Model T Pig-N-Ford Association, and their membership is often a lifelong undertaking.

We will be making our own breakfast again at the Surfside Resort. A 'sign up' sheet for the two breakfast meals and one dinner meal will start circulating at the May meeting.

If you are interested in attending, give Marilyn Elvestrom a call 360-748-1214.



For Sale / Wanted

To place an "Ad" send your information to rusunen@comcast.net, or call Bob Rusunen at 360-828-5317

Portland Annual Swap Meet at the Expo Center

April 4-5-6, 2014

Our club had a successful weekend at the Portland Swap Meet and made \$xxx. Some of the members working during the meet included Ken Berg, Mike Blick, Don LaBarre, Jerry Lane, Bill Peden, Eddy Pitts, and Bob Rusunen. Below are a few pictures from the meet.



1915 Model T



Don LaBarre's New Ride

Support Our Area Suppliers

C'S AUTO MACHINE SHOP

- FLYWHEEL GRINDING
- RESURFACING
- BORING
- THERMAL CLEANING
- ROD REBUILDING
- BLOCK DECKING
- VALVE GRINDING
- ENGINE REBUILDING
- KNURLING
- PIN FITTING
- PRESS WORK
- ROTORS & DRUMS

JIM
574-4934

EDM
SPECIALISTS IN
REMOVING BROKEN TAPS,
DRILLS, STUDS & EASY-OUTS

OPEN M-F, 8am-6pm
800 NE 86th Street
Vancouver, WA 98665

We Save You Money www.CostLessAutoParts.net

Cost Less Auto Parts™

"NO EXCUSES, Get it done!"

Orchards 360-254-5710	Hazel Dell 360-695-4423	Kelso 360-353-5956
---------------------------------	-----------------------------------	------------------------------

Floyd's Model A Parts



Phone:
(360) 887-3346
1-800-852-3606
Boyd@WA-net.com

Janet Hickel, Owner
29500 NW 31st Ave / PO Box 98
Ridgefield, WA 98641



HART RADIATOR
Complete Radiator Service

501 Grade Street, Kelso
Fax 360-425-1189

*Auto, Truck & Industrial
Radiators, Heaters, & Air Conditioners*

360-425-6220

Doug Hart 360-430-3615 Cell	Allen Hart 360-430-9169 Cell
--------------------------------	---------------------------------



NorthWest

AUTO PAINT


SUPPLIES, INC.

SCOTT BUSH
Vice President

9518 N.E. COVINGTON ROAD
VANCOUVER, WASHINGTON 98662


CELL (360) 772-4599
BUS. (360) 254-0211
FAX (360) 254-6937

Benny Bennett Holly Bennett



**Benny's
HOT & CUSTOM
Pizza-Cafe**

4219 St. Johns Rd NE • Vancouver, WA 98661 • (360) 993-0284
www.bennyspizzacafe.com



that was easy:

Rod
Copy & Print Associate
Certified Print Pro

Staples®
1805 N Tomahawk Island Dr.
Portland, OR 97217

(503)283-8686
(503)283-8693
cc0638@staplescopycenter.com

staples.com/copyandprint

RICK PEABODY TIM TOPPER
PRESIDENT MANAGER

WILSON RADIATOR SERVICE

AUTO • TRUCK • INDUSTRIAL

"WE CAN HANDLE IT"

1612 LINCOLN AVE. VANCOUVER, WA 98660	(360) 693-8971 (503) 224-7960 (360) 425-1583 1 (888) 693-8971
--	--

Volcano View Newsletter
Bob Rusunen, Editor/Webmaster
3720 NW 116th Street
Vancouver, WA 98685

