



ROCK-FORD A's MANIFOLD NEWS

P.O. Box 4001, Rockford, IL 61110
Region of MARC – Chapter of MAFCA
<http://rockfordas.modela.club.googlepages.com/>



April, 2014

OFFICERS

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wgaupperle@comcast.net

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Tour Coordinators

Russ Kothe
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Jim Morley
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jmorley4@hotmail.com

MONTHLY MEETINGS

7:00 pm **LAST** Tuesday
Central Christian Church
6595 Guilford Road
Rockford, IL 61107

Calendar of Events

Sat. & Sun, April 12-13

Classics and Chrome

*Rock-Ford A's will be the featured Club at this year's show!
Great way to promote Club membership! Tell your friends to
attend. Last year, a record 12,500 people came to this show!*

Fri. - Sun. April 25 - 27

Spring Jefferson, Wisconsin Car Show & Swap Meet
www.madisonclassics.com/car-shows/spring-jefferson.php

Tuesday, April 29
7:00 p.m.

Monthly Meeting

*Tech-Talk:
Lady A's Chat: Art of the Art Deco Period by Nikole
Wagner and Anne Laviolette*

Sunday, May 4

Spring Tour – contact Russ Kothe

Saturday, May 17 ?
7:00 – 11:00 a.m.

EAA Chapter Pancake Breakfast at Beloit Airport

Tuesday, May 27
7:00 p.m.

Monthly Meeting

*Tech-Talk:
Lady A's Chat:*

Sat. & Sun. May 17 & 18
6:00 a.m. – 3:00 p.m.

Little Hershey Swap Meet Car Show in Belvidere
<http://www.3dsound.org/flyers/Belvidere.pdf>

Sunday, June 1
9:00-2:00 p.m.
(setup 7:00/7:30 a.m.)

Model A Day in Historic Sharon, Wisconsin
<http://historicdowntownsharon.com>

Sunday, June ?

Polo Town and Country Days Parade - tentative

Mon. – Fri., June 23 – 27

MARC National Meet in French Lick, Indiana

*2014 Club dues can be paid now!
Make your check for \$15.00 payable to:
Rock-Ford A's*

*Mail or Give to:
Jim Morley, Treasurer
4538 Dellview Drive
Rockford, IL 61109*



*Have you told your friends about the Rock-Ford A's?
Car ownership is not necessary – just come along for the ride!*

March, 2014 Meeting Minutes – submitted by Chris Aupperle



1. Welcome – 43 in attendance today!
2. Thank you to Chuck and Vicki Milazzo for providing delicious treats at today's monthly meeting! Thanks, too, to Stan Stewart for making coffee!
3. Welcome back to Paul Donley recuperating from health episode.
4. Dues are due now! Please pay Jim Morley, Treasurer
5. Club vests now cost \$17.00; one free to member, pay for an extra
6. Please sign up to make coffee (grounds & water provided) and treats (don't have to be fancy).
7. Treasurer's report – see on this page of newsletter.
8. The "rubber chicken" stays with Paul Donley!
9. Thanks to Club participants who drove in the Rockford's St. Patrick's Day parade – 15 cars total.
10. Spring Tour, Sun. May 4 to Barnacopia, white Pines, Reagan's home. Contact Russ Kothe to sign up.
11. We've been invited to be the featured car club at this year's Classics and Chrome Car Show for Keith Country Day School. There are 15 cars signed up so far.
12. Model A Day in Sharon, Wisc. is Sun., 6/1. Need your help – sign up! Need ideas for what to sell at this event to underwrite expenses.
13. Other upcoming events – 6/14 Freeport Steam show; 7/9-7/13 Dublin, OH car show' 8/15-8/17 Amana, IA Model A Day; MARC Nat'l Meet 6/22-6/28. Please see front page of this newsletter.
14. No Fix-it Day this year – no volunteers for location.
15. Thanks to 3 Tech handouts from Bob Bellard!
16. Next meeting is Tues. April 29 at 7:00 p.m.

Treasurer's Report - submitted by Jim Morley



as of 3-24-2014

Checkbook balance on 1-2-2014		\$2748.99
Cash on hand		145.00
		<u>\$2893.99</u>
Income		
	Dues	380.00
	Patches	64.00
	Vest	<u>12.00</u>
		456.00
Deposit from 1-1-14 cash		<u>45.00</u>
	Total Income	\$ 501.00
Expenses		
	Dues refund; paid twice	<u>\$ 15.00</u>
	Total Expenses	\$ 15.00
Checkbook balance on 3-24-14		\$3234.99
Cash on hand		<u>100.00</u>
Total balance on 3-24-14		\$3334.99

Glimpse from the Gavel

Bill Aupperle, President



This month's Tech-Tip is a reprint from an article that appeared in Old Car Weekly, July 1985. I realize it's very small and nearly impossible to read if you are receiving the hard copy of the newsletter. The email copy can be enlarged. I will bring full sized copies to our next meeting. If there is interest in testing engine systems with a vacuum gauge, we can discuss it at our one of our meetings with a demonstration or video.

The procedure is also explained in the Les Andrew's book 'Model A Ford—Troubleshooting & Diagnostics' (the blue one). It's found in Section 2, pages 15—19. It's good a good book for your resource library. Let me know what you want to do.

I promise to do better next month.

Bill

Editor's Extras

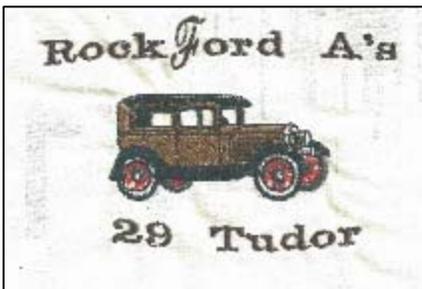
Chris Aupperle, Editor



Memories are made by experiences and enhanced by photos. In this digital age, most people have cell phones with built-in cameras. Why not take a photo when you are at a Club event and email it me at aups31ford@comcast.net? You'll have the joy of getting your picture published and the satisfaction of sharing a great time with friends!

Thank you, *Chris*

Member's Corner: Club Custom Embroidery



Custom embroidery is now available on most types of shirts or jackets. Several car styles to choose from. Car colors can be matched to your car (as best as possible). Wording on design is customizable also (Make and year of car, your name, etc.)

Cost = \$10 per shirt

Contact Club members Chris and Lori Weber (262) 724-3294

Vacuum Gauge Tells All

A vacuum gauge is a very helpful diagnostic and tuneup tool. It can be used to detect vacuum leaks, clogged exhausts, setting of carburetor idle mixture, sticking valves, worn rings, incorrect timing and much more.

One should be very careful when interpreting vacuum gauge readings, however, as the reading may be indicative of several possible problems, and further checking should be done to isolate the exact cause.

There are two ways to conduct testing with a vacuum gauge: with the engine running and by cranking the engine with the starter. The first order of business should be to buy yourself a quality vacuum gauge. Shop around and find a good gauge.

Next, how do you hook it up? Obviously, there should be instructions with a new gauge, but if you have borrowed someone else's or had one laying in the bottom of your toolbox, the connection is relatively simple. When possible, connect the gauge to the intake manifold. Some manifolds have plugs in them that may be removed so a vacuum line adapter can be installed. If you find no such plug, connect the gauge to the windshield wiper hose (providing your car has vacuum wipers).

Since the vacuum gauge test that tells us the most is the one with the engine running, we'll skip the test by cranking. Run the engine until the temperature is normal. Connect the gauge to the intake manifold. Make sure the idle speed is per manufacturer's specifications.

The gauge should read between 15 and 22 inches, depending upon the engine and the altitude at which the test is performed. To be accurate, subtract one inch from the specified

reading for each 1,000 feet of elevation above sea level.

The reading on a normal engine (one without high-lift cam) should be quite steady. If the needle is fluctuating or fluttering, adjust the damper control (if your gauge has one) until the needle moves easily without excessive flutter.

The following chart and explanations will help you pinpoint problem areas within your engine. Again, be sure to interpret the vacuum gauge readings with care and do further testing to be certain.

Note that the gauge area from 15 to 22 inches is blacked out. This is the normal range. Be sure to check manufacturer's specifications for exact readings.

1. Normal Reading:

The needle between 15 and 22 inches and holding steady.

2. Normal Reading During Rapid Acceleration and Deceleration:

When the engine is accelerated rapidly (dotted needle), the needle will drop to a low reading (not zero). When you release the gas, the needle will bounce up to a higher reading.

3. Normal For High Lift Cam With Overlap:

The needle will show as low as 15 inches, but should be steady.

4. Weak Valve Springs:

When the throttle is increased, the vacuum gauge needle begins oscillating irrationally. The reading during idle should be steady.

5. Retarded Ignition Timing:

If this is the problem, the gauge will show a steady but

somewhat low reading.

6. Blown Head Gasket:

A blown head gasket or warped head will register as a regular drop of some proportion.

7. Burned or Warped Valves:

A regular, evenly spaced down scale flicking of the needle indicates that one or more valves are burned or warped. Another cause would be incorrect tappet clearance.

8. Wrong Carb Adjustment:

The needle will move back and forth slowly if there's improper idle mixture. Try adjusting the idle mixture screw to make the rolling needle action stop.

9. Worn Rings:

When engine is accelerated (dotted needle), the needle drops to zero inches. Upon deceleration, the needle runs slightly above 22 inches.

10. Poor Valve Setting:

A small but regular downscale flicking can mean one or more valves aren't seating.

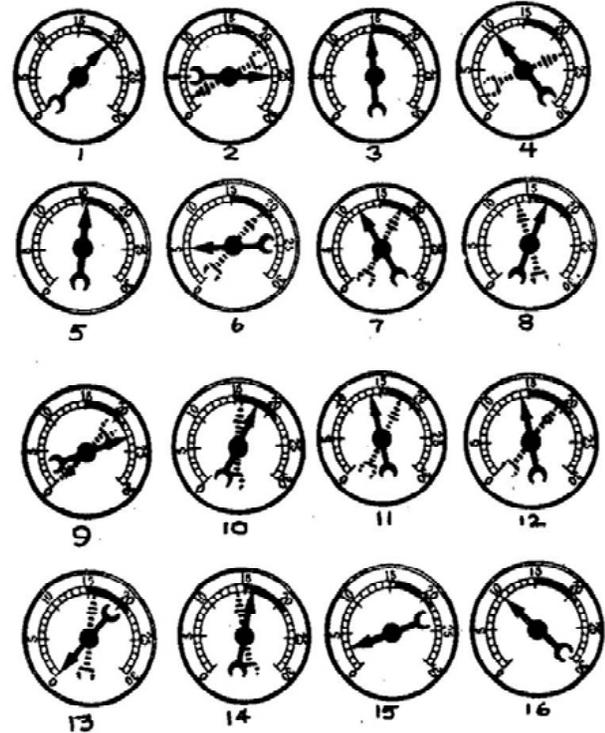
11. Sticking Valves:

When the needle (dotted) remains steady at a normal vacuum, but occasionally flicks (sharp, fast movement) down and back about four inches, one or more valves may be sticking.

12. Worn Valve Guides:

If the needle swings back and forth over about a four-inch range at idle speed, the valve guides could be worn. As the engine speed is increased, the needle will become steady if guides are responsible.

13. Clogged Exhaust Sys-



tem:

When first started and idled, the gauge may show normal. As speed is increased, any back pressure due to a clogged muffler, bent tailpipe, etc., will cause the needle to slowly drop to zero. The needle then may rise slowly. Excessive exhaust clogging will cause the needle to drop to a low point even if the engine is idled.

14. Wrong Spark Gap or Defective Points:

A regular, small pulsation of the needle may occur.

15. Intake Manifold Leak:

A low, steady reading may be caused by an intake manifold or carb mounting gasket leak.

16. Late Valve Timing:

A steady but low reading could be caused by late valve timing.

As you can see, there is quite a bit to be learned by reading a vacuum gauge. As mentioned in the beginning, one has to be careful about the diagnosis results. For instance, numbers 5, 15 and 16 produce similar results. Make sure you follow with specific tests to isolate the problem.

Fashion Fun - Earring Styles 1928-1931

Jewelry design during the era of the Model A Ford was predominantly "Art Deco" (a phrase coined many years later to describe the *Art Moderne* style of the times). After a period of wartime austerity, diamonds and platinum were favorites and Paris was still the fashion leader of jewelry. During the Great Depression precious metals were scarce and production of fine jewelry diminished. Fine jewelry remained popular with the wealthy and the Hollywood elite, but now jewelry designers such as Chanel began to produce jewelry admired for design rather than value. Thus, elegant understatement became the trend and many, including the wealthy elite, preferred "costume" jewelry. Earrings were often part of a suite or *parure*, i.e., necklace, bracelet, ring and earrings, and were styled to compliment the new cropped hair of the twenties woman.



(Information retrieved from Sandy Patterson's article at <http://www.mafea.com/downloads/Fashions/2005-05.pdf>)



**MODEL A RESTORERS CLUB • 2014 NATIONAL MEET
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The Meet will take place at the fabulous French Lick Resort which is made up of two elegant, historical, luxury hotels and their associated amenities:

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Special Convention Price: \$129.00 Per Night + Taxes
You must call for reservations: 1-888-936-9360
Mention MARC Group Code # 0614MAR for the group rate for both Luxury Hotels

For more information, go to <http://2014marcmeet.com/>



July 14 - 18, 2014

Sponsored by The Gallopin Gertie Model A Club. On the Western Washington Fairgrounds in Puyallup, WA. Puyallup, Washington (pronounced Pew al up), one of Washington State's oldest cities, is located approximately eight miles east of Tacoma in the Puyallup River valley.

Sitting at the foot of Mt. Rainier, the area boasts spectacular views while still providing a modern-day urban atmosphere inside the city.



The 2014 MAFCA National Tour will be held from March 10-14 in Texas' famous Hill Country, which provides a unique opportunity to experience historic towns, breathtaking scenery all the while never being more than 100 miles from San Antonio. During your visit, you will have the occasion to visit San Antonio's River Walk and the historic Alamo where the battle for Texas's independence began.

For the latest updates,
visit www.gta-texas.com.



MARC National Membership Meet for 2014

ST. LOUIS APRIL 3-6, 2014

Host Hotel is the Frontenac Hilton

1335 S. Lindbergh Blvd.

St. Louis, MO 63131

PH: 314 -993-1100 or 800-325-7800 - Use code MARC2014

Club Rate is \$100 Plus tax per night

www.stlouisfrontenac.hilton.com

Watch for updates www.modelaclub.org

For more information contact Jeff Buckley, Meet Chair

Puxico002@hotmail.com

Welcome New Members !

Lowell & Rose Daniels
9141 Baldwin Dr.
Machesney Park, IL 61115
815-633-0789
lwd1337@sbcglobal.net

Jeff & Patsy Kennedy
6536 Shadow Ridge Rd.
Rockford, IL 61107
815-529-3041
JAKENNE@Comcast.net

Correction: Doug and Kathy Mather
14718 Mansion Heights Dr.
Harvard, IL 60033
(815) 648-4097
Dougm@espi.com

Member Concerns
let us know who might have a need

PAST EVENTS: ST. PATRICK'S DAY PARADE



Warming up with friends and coffee at
Katie's Cup Coffee Shop



Ready to step off before the parade



MODEL "A" RESTORERS CLUB

6721 Merriman, Garden City, Michigan 48135

Membership Dues: Regular Mail: U.S. \$38;

Air Mail: U.S./Canada \$50, International \$56 for the calendar year.

Includes 6 issues of *Model "A" News* over a calendar year.

Name (Print) _____

Spouse's Name _____

Address _____

City _____ State _____ ZIP _____

Phone Number _____

Is it ok to list phone number in club roster (yes or no)? _____

Signature _____

EMAIL address _____

Is it ok to list email address in club roster (yes or no)? _____

Circle one: Check | Visa | Master Card | Discover Card

Card Number _____

EXP. Date _____ last 3 digit code on back of credit card: _____

Free Membership Program

As you may know, MAFCA is offering a year's free membership to Model A enthusiasts who are not MAFCA members. This program has been met with excitement throughout the world and so far has been very successful in introducing MAFCA to new members. But, there is some small confusion. This is being offered to people who have not been MAFCA members before. It is designed to encourage people interested in the Model A hobby to join our family. It is not meant to be used for renewals. The Board of Directors encourages the chapters to continue to provide these free applications to prospective members.

Invitation To Join Model A Ford Club of America

New Membership

Name _____

Spouse's Name _____

Address _____

City _____

State _____ Zip _____

Country _____ Telephone _____

Permission to publish my telephone number in future Membership Rosters? Yes: No:

Gift Membership

Name _____

Spouse's Name _____

Address _____

City _____

State _____ Zip _____

Country _____ Telephone _____

Permission to publish my telephone number in future Membership Rosters? Yes: No:

~ Membership Benefits ~

The Restorer magazine • Technical Support • Local Chapters • National Meets • Era Fashion Guidelines • "How To Restore" Series • Judging Standards and Restoration Guidelines

Dues per year are

U.S. Membership - \$40

International Membership - \$50

International First Class - \$56

Make checks or money orders payable to

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Card Number:

Exp. Date:

Signature: _____

Membership Only Membership + Initiation Package

Optional Initiation Package
For New Members Only
1 - Back Issue of *The Restorer*
1 - MAFCA Lapel Pin
1 - MAFCA Decal
1 - Name Badge
Only \$10 extra



Return this form and payment to:
MAFCA

250 South Cypress Street • La Habra, CA 90631-5515

Source: MAFCA Web Site
2009 Membership Form

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Jim LaShelle - Owner

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 **(920) 648-5282**

N3127 MEADOWLARK ROAD POYNETTE, WI 53955

Templin's Old Time Auto continues to be a family run business dealing in both new reproduction and used original Model A Ford parts.

Your Ad Here

For Sale: Classic 1976 R90/6 BMW motorcycle; all original; 33,000 actual miles; asking \$3900 **Contact:** Carl Reuter 815-232-8184

Wanted: "Gulf Oil" items (oil cans, signs, etc.) for my vintage gas station. **Contact:** Wayne Henson 815-645-8695 or www.battgcmdr@aol.com.

ROCKFORD, IL 61110
P.O. BOX 4001

