

# Orange County Model A Ford Club

# THE DISTRIBUTOR

56 Years

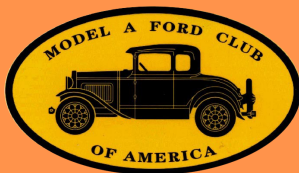



Volume 58, Issue 9

September, 2018

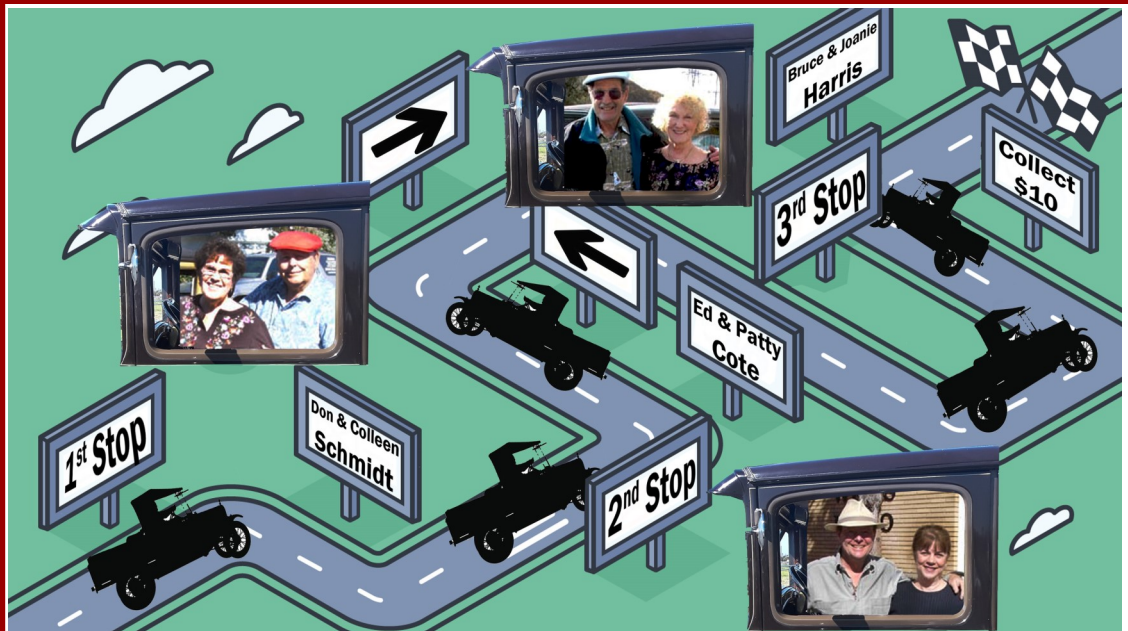
Editor Tissy Smith-Hatcher

It is summer.  
If your not  
barefoot,  
you are  
overdressed



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**Saturday, September 8<sup>th</sup> 10:30AM**

**This Progressive Brunch is the perfect way to spend a leisurely Saturday.**

**1st stop—Don & Colleen Schmidt for appetizers**

**2nd stop—Ed & Patty Cote for main course**

**3rd stop—Bruce & Joanie Harris for dessert**

**\$10 per person to be returned if all 3 stops are attended.**

For info contact  
Sheila Plotkin or Karen Gaynor

Start thinking about volunteering for one of the upcoming available positions.  
Elections will be here soon enough. Contact Joe Goff.



*On September 22nd there will be a  
worldwide celebration of International  
Model A Ford Day. It is the one  
day of the year reserved for Model A  
Ford enthusiasts to go for a drive and  
share the day with others around the world.*

## President's Message

It's starting to feel like summer is coming to an end. The days are getting a little cooler. I will miss the extended hours of daylight, but not the heat. I just got my utility bill today, staying cool and having a green lawn doesn't come cheap. I want to thank Don Ratzlaff for filling in for me at the August meeting. I was working in Cincinnati, Ohio. I spent 18 days in Cincinnati and it rained almost everyday. I wish we could get some of that rain here. It seems like every time I travel I miss out on a few Model A events and this time was no exception. I missed the seminar on rebuilding speedometers, hosted by Greg Witz. I did make it back in time for the 4<sup>th</sup> Thursday breakfast at Schooner or Later in Long Beach. The weather was perfect, the food was great and spending time with friends was outstanding. After breakfast Richard Parrish led the group on a tour down Pacific Coast Hwy to Balboa. I can't think of a better way to spend a summer day than driving your Model A along the beach.

Not only is summer coming to an end, this year will be ending soon and that means it's time to start thinking about electing some new board members. Three board positions will be open, President, Secretary, and Treasurer. Marilyn Hawkins said she would like to stay on as Treasurer. Thank you Marilyn.

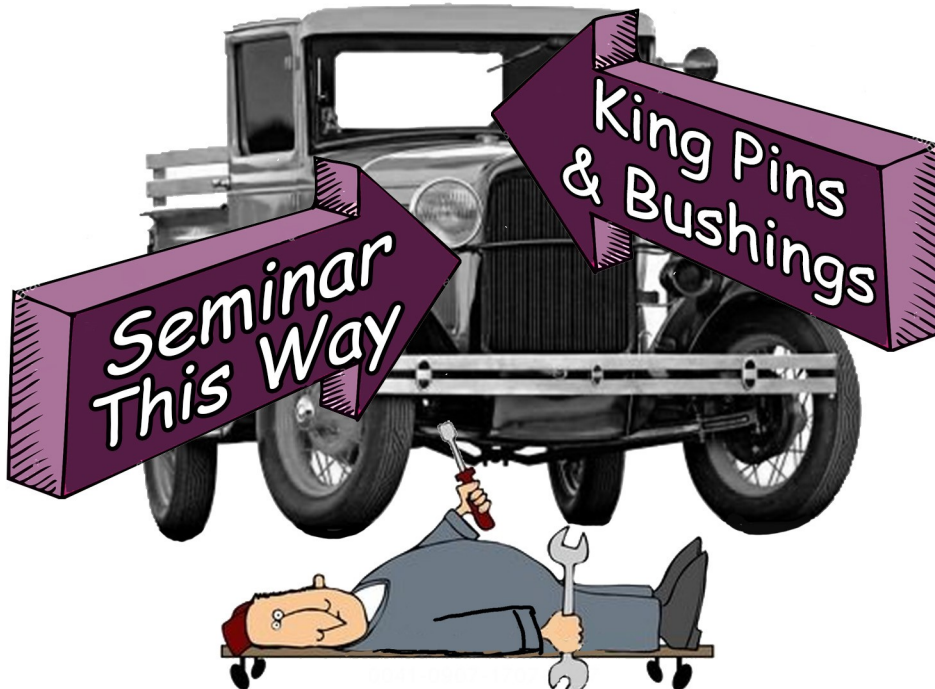
If you would like to run for one of these positions please contact Election Chairman Joe Goff or any board member.



**Jim Runyon, President**

## TECHNICAL SEMINAR 2.0

September 15th (Sat) 8:00am  
Frank Reese's Home  
19931 Glenhaven Dr, Yorba Linda 92886



We also need someone to take over merchandise. Jerry and Cathy O'Brien have been taking care of merchandise for over 10 years and they need a break! Speaking of breaks, a big thank you goes out to Don and Mary Dormeyer for hosting movie night. The movie was a 1965 classic, The Great Race and to make it even more enjoyable we had a dessert potluck and popcorn.

September is going to be another busy month. We start with the 1<sup>st</sup> Saturday Breakfast, Progressive Brunch, King Pin Seminar, International Model A Ford Day, and 4<sup>th</sup> Thursday Breakfast. Check the OCMAFC website calendar for dates and times, or better yet, come to the next meeting on September 13<sup>th</sup>.

One more thing, I want to welcome all the new members and remind everyone you are always welcome at the board meetings. Thank you for all your support.

Be safe,

Jim



## Upcoming Tours and Activities Calendar



**Sep 1 (Sat)** First Saturday Breakfast BS Session ~ 8AM at The Katella Grill, 1325 W Katella Ave, Orange



**Sep 8 (Sat)** Progressive Brunch at 10:30AM. 1<sup>st</sup> stop-Don & Colleen Schmidt (5022 Woodcrest Dr, Yorba Linda 92886/714-524-2659) for appetizers; 2<sup>nd</sup> stop-Ed & Patty Cote (2435 Bonnie Brae, Santa Ana 92706/714-542-6161) for main course; finally 3<sup>rd</sup> stop-Bruce & Joanie Harris (12862 Spur Lane, Rossmoor 90720/562-431-9630) for dessert. \$10 per person to be returned if all 3 stops are attended. For info contact Sheila Plotkin or Karen Gaynor

**Sep 12 (Sat)** MAFCA board meeting, La Habra



**Sep 13 (Thu)** General Meeting will be at 7:30PM. CHOC Hospital Complex, 455 South Main

Street, Orange. Guests are always welcome. Board meeting at 6PM



**Sep 15 (Sat)** Technical Seminar—King Pin & Bushings at 8:00AM at Frank Reese's home, 19931 Glenhaven Dr, Yorba Linda. Coffee & donuts provided.



**Sep 22 (Sat)** International Model A Ford Day—Enjoy your car. Get out there and show it off

**Sep 22 (Sat)** Cruisin' for a Cure, OC Fairgrounds, Costa Mesa



**Sep 27 (Thu)** Fourth Thursday Breakfast at Ruby's Diner, 186 N Atchison St, Orange, 92866, 714-639-7829 (at train station) 8:30AM; for info contact Terry Collings at 714-970-7194

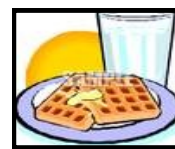


**Oct 6 (Sat)** First Saturday Breakfast BS Session ~ 8AM at The Katella Grill, 1325 W Katella Ave, Orange

**Oct 7-11, 2019** MAFCA National Tour, Canyonlands



**Oct 11 (Thu)** General Meeting will be at 7:30PM. CHOC Hospital Complex, 455 South Main Street, Orange. Guests are always welcome. Board meeting at 6PM



**Oct 25 (Thu)** Fourth Thursday Breakfast location to be determined. For info contact Terry Collings at 714-970-7194

## Swap Meets/Car Shows

**Sep 8 (Sat)** 16th Annual Santa Maria All Ford Car Show, Orcutt Union Plaza, 201 S. Broadway, Orcutt, CA 93455 Free admission 7am

**Sep 9 (Sun)** Long Beach Hi Performance Show and Swap Meet, Long Beach Veteran's Stadium, 5000 Lew Davis, Long Beach 90808, 6am-1pm

**Sep 22 (Sat)** 19th Annual Cruisin' for a Cure, Orange County Fairgrounds, Costa Mesa, 6am-4pm

**Sep 29-30** 57th Antique Car Swap Meet, Little League Regional Headquarters, 6707 N Little League Dr, San Bernardino, 92407 Free admission & parking Sat. hours 10a-6pm/Sun. hours 6am-3pm

**Oct 6 (Sat)** PC Model T Club Swap Meet, 2311 E Chapman, Fullerton, 7am-1pm

**Oct 6 (Sat)** Patriots and Paws Car & Motorcycle Show. This organization trains service dogs for veterans. Live music, drawings, auctions, flyover and BBQ at Canyon RV Park – Gypsum Canyon and the 91 FWY. 9am-3pm

**Oct 7 (Sun)** Long Beach Hi Performance Show and Swap Meet, Long Beach Veteran's Stadium, 5000 Lew Davis, Long Beach 90808, 6am-1pm

**Oct 13 (Sat)** Racin' for a Cure Car Show, Canyon RV Park, 24001 E Santa Ana Canyon, Anaheim, 9am-3pm, spectators \$10 per car



Join us for good food  
and great company!!

Fourth Thursday  
Breakfast Bunch

September 27<sup>th</sup> at 8:30 am

### RUBY'S DINER

186 N Atchison St  
Orange 92866  
(714) 639-7829  
(At the Train Station)

Info: Terry Collings  
714-970-7194

# Volunteering is Opportunity

If you have a couple of hours each month to give to the club, we could use your assistance. We have openings for President, Secretary and Treasurer. Oh sorry, Marilyn Hawkins was kind enough to continue as our Treasurer for another 2 years.

★ ★ ★ ★ ★  
**Your Name**  
President



★ ★ ★ ★ ★  
**Your Name**  
Secretary



★ ★ ★ ★ ★  
**Marilyn**  
Treasurer



Deadline for submissions for the  
next **Distributor** is

**September 25, 2018**

Submit all articles and ads to  
tismith@cookseylaw.com  
or mail to P.O. Box 10595,  
Santa Ana, CA 92711

**2017 BOARD MEMBERS**

**President** – Jim Runyon  
714-527-1829/jamesfrunyon@aol.com  
**VP/Activities** – Louise Hall  
714-282-0499/rickandlouise@socal.rr.com  
**Secretary** – Norm Kredit  
714-635-3335/leorakredit@yahoo.com  
**Treasurer** – Marilyn Singer Hawkins  
714-730-4026/jmsinger@pacbell.net  
**Technical** – Dennis Klesen  
949-466-7475/drkliesen@gmail.com  
**Editor** – Tissy Smith-Hatcher  
714-546-8554/tismith@cookseylaw.com  
**Immediate Past President** – Don Ratzlaff  
714-529-5062/wadedon@pacbell.net

**COMMITTEES**

**ACCC Representative** – David Knapp  
(949) 243-5210/david-knapp@cox.net  
**Breakfast Committee** – Terry Collings  
714-970-7194/mtcollings@sbcglobal.net  
**Club Greeter** – Doris Marshall  
310-378-5061/dandd51@gmail.com  
**Election Chairperson** – Joe Goff  
949-768-4627/joe@abt-tax.com  
**Historian & Librarian** – Steve Pavich  
714-963-2633/spavich@socal.rr.com  
**Membership Chairperson** – Scott Limbrock  
948-981-8776/sbl.frisco@gmail.com  
**Merchandise Director** – Cathy O'Brien  
714-777-0771/ylgsrden@aol.com  
**Pancake Breakfast Setup & Coordination** –  
Frank Reese, 714-970-6262/Rfrust34@  
yahoo.com and Don Ratzlaff, 714-529-  
5062/wadedon@pacbell.net  
**Raffle** – Ed Cote  
714-542-6161/patricia.cote@att.net  
**Refreshments** – Carolyn Ratzlaff  
714-529-5062, dcratzy@gmail.com and  
Dianne Runyon 714-390-1528/  
jamesfrunyon@aol.com  
**Regional Representative, SCRG** –  
Carolyn Ratzlaff, 714-529-5062/  
dcratzy@gmail.com  
**Sunshine & Sorrow** – Pam Heiland  
714-417-3111/colapam@sbcglobal.net  
**Webmaster** – Bruce MacIntosh  
949-857-4723/brucem@genimage.com

**Please Note:** Some information contained in our newsletter has been reprinted from other newsletters; we thank and acknowledge them.

## General Meeting Minutes

**OCMAFC General Meeting****Thursday, August 9, 2018****Wade Education Center at CHOC**

Past President Don Ratzlaff called the members to order. Ken Blankshain led the members in the Pledge of Allegiance. 44 members and guests were present.

Club Greeter, Doris Marshall, welcomed everyone in her special way and our Treasurer, Marilyn Hawkins, added some humor.

Two sets of minutes, which had not been approved by members due to the summer schedule, were presented for approval. The minutes of July 12 and June 14 were presented by Secretary Norm Kredit and were passed.

Treasurer Marilyn Hawkins reported that we currently have 167 paid memberships which cover 208 individual single members and family members combined. Marilyn also reported current bank balances and highlighted income and expenses as of 7/31/2018. She also presented "Thank You" notes from CHOC for the \$1,000 donation. MAFCFA also acknowledged our gift of \$500 to the museum.

VP/Activities Louise Hall had sent a list of activities for the club which Don Ratzlaff presented to the membership in her absence. Members indicated an evening harbor tour of lights may be better attended. Member, Frank Reese, presented flyers from various car shows coming up for members to look at after the meeting.

Terry Collings, our 4<sup>TH</sup> Thursday Breakfast chairwoman, announced the location of a cool place near the ocean. It is at Schooner or Later on Marina Drive in Long Beach. 241 N. Marina Drive, 90803. This is August 23, 2018. Don Ratzlaff brought up Richard Parrish to introduce the Beach Cities Tour he will lead from that location after the breakfast. Richard went over the details and the route. This is a great tour for a (Continued on Page 6)



## SUNSHINE & SORROW

**By Pam Heiland**

I haven't sent any cards out this past month. I hope that means you are all doing well. I was sorry to miss the August meeting. A "Bug" got me and between the high fever and chills, I didn't do much of anything for about a week. I'm over that now and hoping none of you get to experience it. It was NOT fun! Here's your thought for the day:  
"A smile cost nothing, but gives much. It enriches those who receive, without making poorer those who give. It takes but a moment, but the memory of it sometimes lasts forever!"

Don't forget to flash those smiles everyone!

# MODEL A

## Roster Raffle

CURRENT JACKPOT

30

DOLLARS

If the roster jackpot grows to \$100, and the name pulled is not at the meeting, a second name will be pulled; should it get to \$200, up to 4 names may be called each month until a winner is in attendance.



(Continued from Page 5) summer day. Thank You! Richard.

Diane Gaughen announced she had brought copies of her book for sale tonight. She and Gerald are the real life characters and publishers of stories about her family, grandpa, mother, and two Model A's, grandpa's and theirs on Route 66. Buy a copy

Technical Dennis Kliesen called attention to the next seminar on Model A speedometers which will be held at Greg and Kathleen Witz's home on Saturday, August 11. 9:00 A.M. is the start time. Location is 1506 Concord, Fullerton, 92831.

Dennis indicated that the next seminar will be on September 15 at Frank Reese's home. King pins will be the topic and will be one week later than the usual technical seminar the Saturday after the B.S. Breakfast. Also note the time change to 8:00 A.M. Pajamas are O.K. Ladies, King Pins do not refer to your husbands but are key parts to the front axle of the Model A.

Sunshine and Sorrow, Pam Heiland, could not be present so updates were shared regarding club member, Art Moore. He had surgery which resulted in the loss of his leg. Art and Olive have hosted the club on Mt. Baldy tours and Art has welcomed us into his incredible workshop. Art is doing well. Their attitude is the "Sunshine" that keeps us going through the "Hard Luck Trophy" times of life.

Speaking of hard luck. Greg Witz beat everyone for the "Hard Luck" trophy with a series of breakdowns or deficiencies discovered on his Model A. The sun will rise though knowing Greg.

Dennis Kliesen wins again on the "Attendance" raffle. The "Membership" drawing rises to \$30 next time since the winning member was not present.


Elections Chairman, Joe Goff, reminded everyone of the offices open for volunteers to replace Norm Kredit, Secretary, President Jim Runyon, and thankfully Marilyn Hawkins, our Treasurer, will run again. Please consider these positions which are for a two year term on the Board of the club. Of course this does not limit all the other things for which members can volunteer. Our cars are great and our attitudes sparkle. Thank you Joe Goff.

Norm Kredit, Secretary

Working Smarter, Not Harder

### Jim's Tech Tip

by Jim Cannon, MAFCA Technical Director



It is difficult to lift a battery out of a Model A because it is heavy and it is down below the floor in a spot without much clearance. There isn't anything to get your hands on, to get a good grip for something that heavy.

The secret is to use a "Battery Lifting Strap" that has little metal ends on it that slip down over the two battery posts and lock on. Then you lift straight up with the strap and it comes up and right out the door.

It is also much easier to lower a battery back down into the battery holder with this strap.

Look for a Battery Lifting Strap at a good auto parts store, or online at places like Amazon. You should find it for under \$10. You will wonder how you survived all these years without one.

I hope this helps you Have a Model A Day!

copywrite Frisco IllustrationsOf.com/89401

## New Members:

Please consider joining Model A Ford Club of America (MAFCA) at [www.mafca.com/membership.html](http://www.mafca.com/membership.html). MAFCA's members are dedicated to the restoration, preservation, and enjoyment of Ford vehicles of that era.

## The Life and Times of the Hood Ornament

By: Tissy Smith

The first hood ornament or mascot to be known was a sun-crested falcon (to bring good luck) mounted on Egyptian pharaoh King Tut's chariot. But despite their ornamental origins, the first automotive mascots had far more practical means. (Sorry, I searched but couldn't find a photo of King Tut's.)

In the early years, automobiles had their radiator caps outside of the hood and on top of the grill which also served as an indicator of the temperature of the engine's coolant fluid. The Boyce MotoMeter Company was issued a patent in 1912 for a radiator cap that incorporated a thermometer that was visible to the driver with a sensor that measured the heat of the water vapor, rather than the water itself. This became a useful gauge for the driver because many earlier engines did not have water pumps, but a circulation system based on the "thermo-syphon" principle as in the Ford Model T.

The exposed radiator cap became a focal point for automobile personalization, giving automobile manufacturers instant identity.

Hood ornaments were popular in the 1920s, 1930s, 1940s, and 1950s, with many automakers fitting them to their vehicles. Moreover, a healthy business was created in the supply of accessory ornaments available to anyone who wanted to add a hood ornament to their automobile. Sadly, only one company survives to date, Louis Lejeune Ltd. of England. Hood ornaments were created by sculptors, able to do finely detailed sculptures in miniature.

One of the most prolific 20<sup>th</sup> century American sculptors was Avard Tennyson Fairbanks (March 2, 1897–January 1, 1987). In his career he created over 100 public monuments. (Four are found in the U.S. Capitol Bldg. in Washington, D.C.)

Avard designed the original radiator ornament for the Dodge Motor Company—a ram, in 1920.



Although the Dodge Ram was the last ornament Avard Fairbanks designed for Chrysler Corporation, his most influential contribution to the auto industry may have come as Chrysler engineers watched him modeling in clay. He taught them how to use clay instead of wood, and sculpture techniques instead of carpentry for their design mockups.

In 1922, Avard erected "The Idaho Doughboy" statute as a monument to the fighting men of Fremont County who served in World War One (WWI). It is a bronze figure of an infantryman wielding a rifle and carrying on his hip two German helmets, souvenirs of victory. A symbol of American heroism and individuality, the Doughboy was the informal term for an infantryman in WWI.

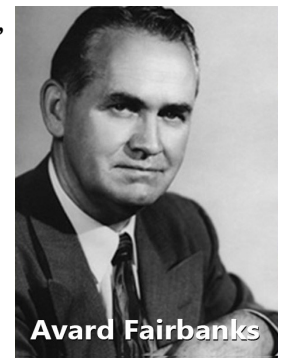
As a rising young sculptor, Avard Fairbanks arrived at the University of Michigan-Ann Arbor to head up the sculpture department in 1929. He needed a more reliable car than his 1928 Willys-Knight, which wouldn't start on cold winter mornings, but in the Depression, he didn't have money to get one.

Chrysler Corporation, in nearby Highland Park, was an up-and-coming auto maker, with innovative engineering and designs; but its radiator caps, with their little Viking wings, needed improvement. Avard was just the artist to replace them with sculptural masterpieces.

As he recalled in a *Southwest Art* magazine:

"One evening I got an urgent call from the engineers at Dodge automobile company asking me to meet them in ten minutes. They explained that they had 10,000 cars that needed hood ornaments and that they wanted something as attractive as the ornament on a Rolls Royce, but for the cheapest car! I took along my clay and an animal book by my friend William Hornaday and spent the next several days at their headquarters. They brought in food and a couch and I went to work.

I suggested a mountain lion, a tiger, a jaguar and other animals. Finally I started modeling a mountain sheep. When the engineers read that the ram was the 'master of the trail and not afraid of even the wildest of animals,' they became enthusiastic about the symbol." (Continued on Page 8)



(Continued from Page 7) At Chrysler headquarters, he was told they were about to introduce an all-new Plymouth. "The Smoothness of an Eight with the Economy of a Four" was the advertising pitch. Could he symbolize that in a radiator cap ornament?

It was 1930 and Avard designed a little mermaid (of Norse mythology) coming up out of a swirling wave...then gave her the wings of an eagle. The mermaid was a hit!

The 1931 Plymouth was a runaway success. It pushed Buick out of third place and thrust Chrysler Corporation into the Big Three of auto makers. In return for his work on the little mermaid, Avard was paid with a handsome, red 1932 Chrysler Royal Eight.

The 1933 design, which was taller and slimmer, was the work of someone else. By 1934, Plymouth ornaments had become sailing ships; winged ladies of various designs were reserved for DeSoto, until 1949.



Avard's work is also found on the 1933 Hudson Essex Terraplane. It was given an ornament of the griffin, the mythological lion with an eagle head and wings; its wing pattern is a close match to Plymouth's winged mermaid. This time, Avard signed the ornament and took an Essex Eight in payment.

Among Avard Fairbanks's many accomplishments after creating hood ornaments for three auto makers, in 1947 he was appointed dean of the newly created the College of Fine Arts at the University of Utah. He created three heroic statues to be placed in Statuary Hall in the Capitol Building in Washington, D.C.—Marcus Whitman, pioneer physician

of the Pacific Northwest; Esther Morris, women's right advocate of Wyoming; and John Burke, governor of North Dakota, Supreme Court Justice, and U.S. Treasurer.

One of his most well-known sculptures was the Angel Moroni, which was placed atop many LDS temples.



For the Utah Centennial, Dr. Fairbanks constructed a Pony Express which was displayed in the parade. This sculpture depicts a young rider starting on a fresh horse in front of an old man with the worn-out horse. It is one of the few tributes to the men who guarded the stations of the Pony Express, many of whom lost their lives.

About this time, you may ask "What about the Model A's hood ornament?" Henry Ford can be credited with selecting the quail as the Model A mascot. Created by Irving Bacon, Henry Ford himself was involved in every step of the design, hundreds of drawings were made, before he got what is familiar on the

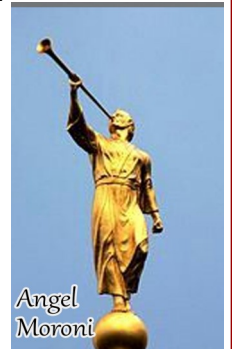
Model A today. The Ford factory did not make the quail. It was made by the George Stant Machine Works located in Connersville, Indiana. Most likely anything you see on a Model A today is a reproduction as the originals were made of pot metal and few survived.

Irving Bacon was a landscape painter whom Ford admired. Irving was allowed to use Ford's large estate for landscape paintings. Did you know that Edsel Ford was also a painter?

After WWI, Irving needed a steady salary in order to support his wife and six children, so he met with Henry Ford and soon became an employee of the Ford Motor Company, drawing cartoons and illustrations. He continued to work for the Ford Motor Company for 33 years.

Regulations introduced in the United States for the 1968 model year vehicles meant the disappearance of fixed stand-up hood ornaments, as well as spinner wheel protrusions. Later versions featured spring-loaded mounted, stand-up hood ornaments designed to fold without breaking on impact.

Since the 1990s, more and more automobile makers have been shifting away from the three-dimensional hood ornaments and opting for the two-dimensional badges. One of the reasons for this was to prevent teenagers and others from breaking ornaments off cars to wear around their neck. Remember the (Continued on Page 9)







### Paris Lends Variety to Circular Skirts

The influence of princess lines on the new fashions is as strong as ever but it is becoming modified in new ways. Sometimes it is pronounced, as in the frocks that fit the figure to the hips and flare below, or the signs of it can be very subtle, as in the great number of afternoon frocks that Paris designs with circular skirts. There is a new variety in these circular skirts usually produced by joining a circular flounce in a diagonal or scalloped line.

No 5491. Novel sleeves and wrap-around skirt with a tightly gathered flaring section at one side distinguish a simple daytime frock.

No. 5440. The princess influence is evident in a frock with a one-sided neckline and circular flounce mounting on the left hip.

*Copied from McCall's Magazine, December 1928 issue.*

(Continued from Page 8) late-1980s/early-1990s fad started by rappers, such as the Beastie Boys, wearing Volkswagen and Mercedes hood Mercedes hood ornaments?

Today, there is a strong market for rare hood ornaments that make them extremely collectible. After a quick search on ebay, a Lalique Car Mascot Cinq Cheveaux Amethyst Hood Ornament had an opening price of \$34,999. There were several others going for more than \$5,000.



**Did You Know ..**  
**. Coca-Cola**  
**would be green if**  
**coloring wasn't**  
**added to it.**



**Just some of the activities of your club**



**We need  
YOU!**



***Jerry and Cathy O'Brien have done a great job of handling the club's merchandise, but now want to take a break. We will be putting the list of merchandise on the website so it becomes much easier. You would only need to bring items to the general meeting that have been pre-ordered.***

## **MERCHANDISE**

*Sending Glenn Johnson  
and Art Moore*

*Get Well  
Wishes*



Starch is used as a binder in the production of paper. It is the use of a starch coating that controls ink penetration when printing. Cheaper papers do not use as much starch, and this is why your elbows get black when you are leaning over your morning paper.





### NEW MEMBERS CHANGES CORRECTIONS

**Perry, Steve & Linda,**  
5 Lyoak St, Aliso Viejo,  
CA 92656-1445, cell 949  
-300-2491

Email: cabosteve123@yahoo.com; planning to buy a  
Model A; Joined 2018



OCMAFC thanks you  
for your continued support

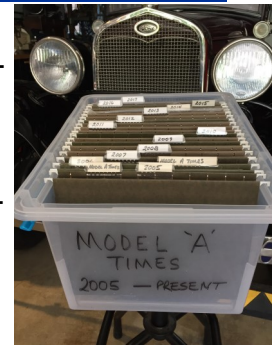
**Orange County  
Ronald  
McDonald  
House**



**FOR SALE:** Larin Model A engine  
stand. All steel wheels, 750 lbs.  
capacity. Rotates, Color = Model A engine green of course. \$25. Con-



tact Dick Smith 949-770-6847  
**FOR SALE: Model A Times, 52**  
Issues, Volume I Issue I thru vol-  
ume 13 Issue 4 Regular cost at Mod-  
el A Times.com = \$416 My collec-  
tion = 52 issues for \$104.00 Dick  
Smith 949-770-6847



### TINY TIPS

**R**

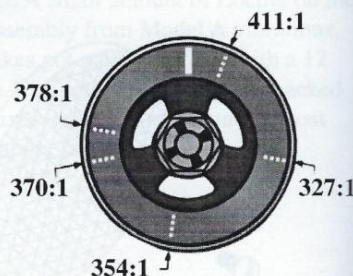
### HOW TO DETERMINE YOUR REAR END RATIO

Here's one way to find out the ring and pinion ratio in your Model A. Park on a flat surface with several feet of clear space in front. Remove all four spark plus. Put a chalk mark on a rear tire at 6 o'clock as shown. Mark the front of the crank pulley at 12 o'clock. With the help of a friend, and the transmission in high gear, push the vehicle forward and watch the mark on the crank pulley. Count the number of times the mark on the pulley reaches 12 o'clock and stop when the tire mark is at 6 o'clock again. Note the position of the mark on the crank pulley. The mark you made will be at approximately the area of your gear ratio as shown.



With 411:1, the crank pulley will have made 4 1/8 revolutions.

The crank pulley will have made three complete revolutions, then a little past 3/4 of a turn with a ratio of 3.78:1 (standard).



Submitted by Dan Ritt, Mt. Arab, Ohio  
Illustrated by Dick Lewis, Lawrenceburg, Indiana



*Installation Banquet  
Sunday January 6, 2019*

*1:00pm to 4:00pm*

*The Villa Restaurant*

*510 E Katella Ave, Orange, CA 92867*

ORANGE COUNTY  
MODEL A FORD  
CLUB

Post Office Box 10595  
Santa Ana, CA 92711

E-mail: [info@ocmafc.org](mailto:info@ocmafc.org)

## Next General Meeting

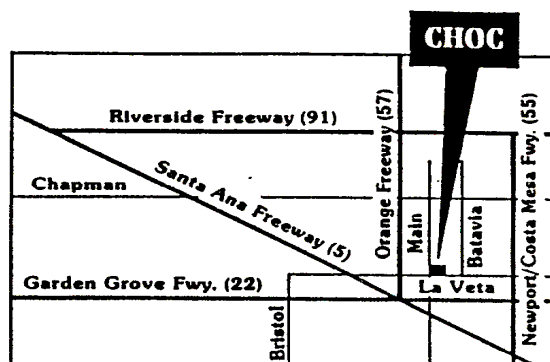
7:30 PM

[Second Thursday of every month]

Next Meeting September 13, 2018

CHOC Hospital Complex

455 South Main Street, Orange, CA



From Main Street, turn east on to Providence Ave. and immediately on your right, enter the structure and park on the second level. Meetings are held in Building 2 in the Wade Education Center-2nd Floor. Access meeting room through the double door entry off the 2nd Floor parking structure

We are on the Web!  
[www.ocmafc.org](http://www.ocmafc.org)



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