

NAPER A'S



Model A Ford Club

P.O. Box 245 □ Naperville, IL 60566

April 4, 2017 Minutes

MEMBERS PRESENT:

Stu Carstens
Gordon Coleman
Ed Danley
Noel Delessio
Gene Egert - *President*
Tom Eklund - *Vice President*
John Emmering

Dan Manola
Nick Mazarella - *Secretary*
Ray McMahan
Ron Olson
Steve Paul
Alan Petrik
Pete Pope

Gary Pradel
Nick Pradel
John Richards
Bill Thompson
Rich Volkmer
Jim Weaver
Lindy Williams - *Treasurer*



President Gene Egert gaveled the meeting on February 7, 2017 at 7:00 pm, and adjourned at 8:12 pm at the *Warren Tavern*. There were 21 people in attendance.

TREASURER'S REPORT:

Treasurer Lindy Williams reported the current balance was \$2352.79. Transactions this month include two members' dues..

SECRETARY'S REPORT:

Secretary Nick Mazarella reported that

the club roster is being kept up to date. Gary and Nick Pradel reported that they are not getting club emails. Nick will check on the email exploder accuracy.



NOTE: The first Tuesday of July is the 4th Holiday so we will meet that month on the second **Tuesday on July 11th at 7:00 at the Warren Tavern.**



Meeting Snacks in 2017

January - Jim Weaver
February - Ron Olson
March - Dan Manola
April- John Emmering
May- Stu Carstens <<< Next

June- Nick Mazarella
July- Alan Petrik
August- Bill Johnson
September- Lindy Williams
October- Gene Egert
November- Pete Pope



John Emmering brought home made brownies, cookies, and drinks to the

meeting. Thanks **John!**

2017 Tour and Event dates

APRIL Frostbite Tour- 23rd	MAY Bloomington Overnight Tour-6 th /7 th Annual Safety Voegtles' Auto- 13 th Sandwich Auto ZSHow-28th Warrenville Memorial Day Parade-29th	JUNE Downers Grove Model A/T Day-2nd Sharon WI Model A Day-4th Members'Garage Tour-TBD
JULY 4 th July Naperville Parade-3 rd Naperville Pancreatic Cancer Walk- 23rd	AUGUST Union IL Car Show-6 th Early Ford Club -12th Amboy, IL Depot Days-27th	SEPTEMBER Bloomington Septemberfest Car Show-9 th Gilmore Museum Model A Day-16th White Pines Tour-TBD
OCTOBER Starved Rock Cruise-TBD	NOVEMBER Annual Illinois Valley Thanksgiving Dinner-TBD	DECEMBER Annual Christmas Party Diiner-3rd

OLD BUSINESS:

Lindy Williams reported that we now have 40 paid up members.

The 2017 Schaumburg Swap Meet on March 19 had the typical items. Naper A's was well represented.

The **Annual Naper A's Safety Check** will be held at *Voegtels Auto* on Saturday, May 13th from 8:30 am to 11:30 am.

The correct date and time for the *Naperville Pancreatic Cancer Walk* is on Sunday, July 23rd at 8:00 am.

NEW BUSINESS:

The local Model T clubs are hosting a "*Frost Bite Tour*" on Sunday, April 23rd. The meeting place is the McDonalds on 75th St and Plainfield Rd in Darien between 8 and 9 am. The tour will go to local points of interest ending with a lunch stop.

We will have a Garage Tour sometime in June. The purpose is to visit members who are doing work on their Model As and learn something about they are doing. Each stop will have light snacks and drinks. Ron Olsen will organize the tour. More details to follow.

The group discussed upcoming events and tours, including Memorial Day and July 4th parades, various Cruise Nights. Swap Meets and major drive-to-events such as Eola, IA, Union IL Railroad Museum, Sharon, WI, and others.

Some additional ideas for cruises were discussed. Suggestions include the Duesenburg Museum, Volo Car Museum, and Model A Museum in Michigan.

Gene Egert recommended a clearer way to list scheduled events. **Nick** will add a table to the minutes with all upcoming events.



TECHNICAL DISCUSSION

Rick Volkmer demonstrated the uses of a powerful little magnet from an electric toothbrush that has many uses as pickup tool.

Rich also brought two improved Model A carburetor air filters, one from *Brattons Supply* and one he made from common materials. The homemade filter was superior in construction and stronger looking and much cheaper.

Stu Carstens discussed problems about tightening the short Pittman Arm on his A. He added shims and still had to use a breaker bar to tighten it. He was concerned about stretching the bolt and having the arm come lose again. **Lindy Williams** had a similar problem. The sector shaft hole in the new pitman arm was too large and the bolt had to be overtightened to make the arm tight on the sector shaft.

Ron Olsen brought in some tools he made to press in clutch bushings. Ron recommended cutting slots in the shaft with a hacksaw blade before putting the bushing in. This will make the initial insertion easier. Ron said he will write a piece for this to be put into the 4-*Banger*.

Alan Petrik brought in his new sealed bearing water pump that he bought from *Snyder's* supply. There are pros and cons

about whether the original pump versus the new sealed unit is better.

Newsletter prepared and sent by Secretary **Nick Mazzarella**



Dealers and Web Sites to Note:

places that do this kind of work. **EPA** rules have made this business very expensive to conduct.

Antique Engine Rebuilding, 4835 Louise, Skokie, IL 60077. **Rich Fallucca** is the owner. Web site is...

<http://www.antiqueenginerebuilding.com/>

Rockauto at <https://www.rockauto.com> is a good online source for modern auto parts.

FunProjects, Excellent aftermarket cutouts and regulators by John Regan at www.funprojects.com

Bert's Model A Center at <http://modelastore.com/> is another good source for hard to get Model A parts.

Winning Colors, 14409 Edison, New Lenox, IL 60451, phone: [815-462-4810](tel:815-462-4810) . Contact; Mark Cryer. They do powder coating of wheel/rims at reasonable prices.

The Henry Ford Archive web site: <https://www.thehenryford.org/collections-and-research/digital-collections/search-results#terms=Model%20a&f.type=photographs&years=0-0&perPage=10&pageNum=1&sortBy=relevance>



American Science and Surplus, <https://www.sciplus.com/> sells lots of interesting stuff for science experiments and projects. They are located at 33W361 Roosevelt Rd (Route 38), 1/4 mile east of Kirk Road.

Mail Truck in Oak Creek, WI has Model A parts at good prices. They operate on check only basis. You have to call to make an order and when you get the invoice you send a check for the amount. Then the parts get shipped. The prices make the effort worthwhile.

John Marshall Model A wheel drums sales and service in Peotone, IL Phone [708-258-0685](tel:708-258-0685).

A break shop in Wisconsin called **Rock Quiet Brakes** that do brakes for a very reasonable cost. The work has been excellent.

REX Radiator in Joliet still does copper/brass radiator rebuilding, and is one of only a few



Lindy, Nick, Noel, and Alan at Voegtels' Auto for the 2016 Naper A's safety check

FROM THE MAFCA ARCHIVES:

The Cut-Out

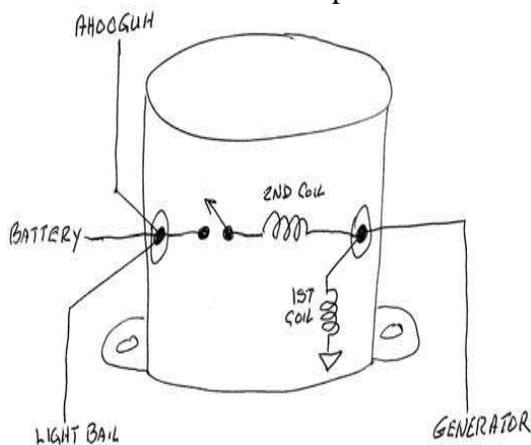
by Tom Endy

The Model A Ford generator cut-out is the mysterious little device that sits on top of the generator. There is a switch inside that is either open or closed. It's very simple purpose is to connect and disconnect the generator from the battery and the rest of the electrical circuit. In the days before there were generator regulator circuits the cut-out was a means to connect the generator to the car's electrical circuit when the engine was running, and disconnect it when the engine was not running.

**Original quality Ford cut-out on the left.
Insides of a poor quality reproduction on the right**

When the generator is not rotating and producing electrical power its stopped condition would be a drain on the battery. Therefore the cut-out switch is commanded to open. When the generator is rotating and producing electrical power the desire is to have the generator connected to the car's battery and electrical system. It then carries the load of any electrical device that is switched on and it also charges the battery. Therefore the cut-out switch is commanded closed.

How it does this is where the mystery comes in. Anytime you pass current through a coil of wires it creates magnetism and magnetism is what opens and closes the switch. Inside the cut-out housing, in addition to the switch, are two coils of wire. The two coils open and close the switch much like a relay operates. The switch contacts inside the cut-out are normally open. The first coil has a very fine gauge wire and is connected in parallel with the generator. As soon as the generator starts rotating it begins to produce voltage and current flows through the coil. The faster the generator rotates the higher the voltage level rises. When it reaches a set point above the battery voltage (a nominal 7 volts) the magnetism in the coil is strong enough to close the switch. The generator is then connected to the car's battery and electrical system. The second coil has a very heavy gauge wire and is connected in series with the generator. The coil wire has to be heavy because all the current produced by the generator flows through this series coil. It too produces magnetism that is in concert with the first coil. The combined magnetism of the two coils keeps the switch closed. When the engine speed returns to idle or is turned off and the generator slows or stops it is no longer producing voltage. The battery then takes over the load and current through the series coil is reversed. The magnetism of this coil is also reversed and is stronger than the parallel coil and it cancels it out and opens the switch.



Cut-out electrical circuit