

Tallahassee Region Antique Automobile Club of America

Who Invented the Self-Starter? by Norm Madsen

If you answered, "Charles Kettering," you are probably thinking of the Electric Starter. Kettering invented and patented the Electric Self-Starter that was used on the 1912 Cadillac. This fact is well known. Not so well known is the fact that automotive pioneer Alexander Winton first put a starter on his production automobiles in 1907. Winton automobiles featured his "Compressed Air Starter" for about eight years before offering an electric starter as optional equipment in 1915. The way it works is fascinating, yet simple.

Following is a trade press article explaining the Winton starter. Included are a schematic that accompanied the 1907 article and photos from a 1911 Winton brochure.

The Winton Self-Starting Device

The new Winton Six-Teen-Six model is self-starting by means of compressed gas collected in a pressure tank from one of the working cylinders during operation of the motor. Part of the compression of the forward cylinder only is piped through check valve A and B to the storage tank C, which is located between the driving shaft and the left frame rail under the rear seat. Check valve A has spring pressure equal to the compression so that gas is only taken on combustion.

To operate the self-starting device with the motor not in operation open valve D on the dash. This permits pressure to flow from the tank C through the distributor valve E, which is driven by the cam shaft and timed so that all the pressure contained in the tank enters the cylinder ready to fire, each cylinder except No. 1 being equipped with a check valve F, to which is attached the usual compression cock. Pressure entering the cylinder about to fire forces the piston past the firing point which should at once place the motor in operation. However, should this cylinder fail to fire, pressure then enters the cylinder next to fire and forces this piston past the firing point, and so on through the series of cylinders until combustion puts the motor into operation. G is a pressure gauge on the dash to which is attached a release cock. H is a cock for oiling the distributor valve. This distributor valve is shown in section at the lower right hand corner of the diagram.

That portion of the valve to which are attached the six outlets of the cylinders is stationary. That portion through which air passes from the tank to the outlet pipes revolves, being timed as above stated. A patent on the device has been applied for. The Horseless Age. October 1907.

Reference the associated diagrams on PAGE 5

Next Meeting August 12, 2014

Old Auto Museum Dinner 6:00 pm General Meeting 6:45 pm

Club Officers President Don Pumphrey

Vice President Ed Schuler

Secretary John Schanbacher

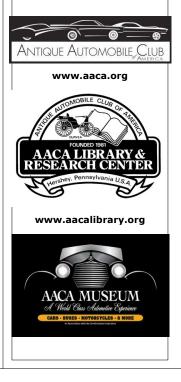
Treasurer Norm Madsen

Newsletter Editor Ravmond Bartell

Web Master Craig Brown

Executive Board

Neal Davis Lori Forster Nell Hollingsworth Bill O'Rouke





TALLAHASSEE REGION, AACA

MEETING MINUTES

July 8, 2014

Tallahassee Antique Car Museum (Old Location)

There were approximately 44 members present along with three guests.

Pledge to the Flag: Don Pumphrey

Opening Prayer: John Wells

Welcome: Don Pumphrey

Don asked the members to introduce their guests; Phil introduced El, Norma and Adam Reichert which are his mom, dad and son.

50/50 Drawing: Lori Forster

The winner was Bob Newman. Who, by the way, donated his winnings back to the Club.

Announcements & Reports: Don Pumphrey

Don listed the birthdays for the month of July and noted that the Birthday Cake was donated by the Wal-Mart on North Thomasville Road represented by Kim (didn't get her last name) for that store. They are going to sponsor another car show on October 8th, 2014 again benefiting the Shands Hospital in Gainesville. She reported that they have raised around \$17,000 for that organization. We were encouraged to participate in that endeavor which was a no-brainer for us. On June 21st, the Club sponsored the car show at the Seventh Annual Monticello Watermelon Festival. Kedra Baumgardner and Norm Madsen described the show in which we had some 68 cars registered. We had many positive reactions from the participants and a good time was had by all. Accolades were given to those who solicited door prizes especially Craig McCollum and the rest of the show committee members who worked hard to arrange the show.

Craig Brown announced that he has the club shirts, hats and jackets, if anyone would like to purchase them.

Committee Reports:

Sunshine: Pam Pumphrey

Pam announced that Tom Link is still in need of our thoughts and prayers. Craig McCollum's father passed away. Tom Lyle's wife, Sharon fell and remains in the hospital. Ralph Tish has had minor surgery. We found out that Jerry Wise had surgery recently that we were unaware of. He is doing very well. Bob Brown is scheduled to have a heart procedure tomorrow. Nancy Haines' mother has passed away; Russ and Nancy are in Indiana for the services.

As a change of pace for this section, $\,$ Ed and E'Lane Shuler are now celebrating their 50^{th} wedding anniversary.

If you know of other member's needs or positive announcements,

please let Pam or other members of her committee know.

Continued in next column

Treasurer's Report: Norm Madsen

The report was given by Norm Madsen, details are available from him. He did mention that we did well in proceeds from the Watermelon Festival show.

Tour Committee: Bill O'Rourke

Bill announced that planning is in progress for another tour possibly to the Marianna Caverns. That will be a good place to get cool (for those who are not already "cool").

Show Committee: Norm Madsen

See the preceding for information on the Monticello "Watermelon Festival Open Car Show" that was held on Saturday, June 21, 2014.

Other Committees: No reports.

Coming Events:

- Breakfast at the Cracker Barrel Friday, July 11, 2014 at 8:30 AM.
- Quincy Gulf Station Friday, July 11, 2014 at Noon. This will be a Dog day!
- See our website at <u>http://traaca.org</u> for more events. Click on <u>"Club News and Calendar"</u> Also, visit the National website for National AACA activities at <u>www.aaca.org.</u>

<u>Old Business</u>: We have a need for a Club Vice President, let Don know of your interest. Let the campaigning begin!

New Business: None.

Program: Phil Reichert

Associate Vice President

Phil presented Chapter Two of the TRAACA history picture slideshow with off screen narratives.

Next Meeting:

The next meeting will be held on Tuesday, August 12, 2014 beginning at 6:00 pm at the **OLD** Tallahassee Antique Automobile Museum

Respectively submitted by John Schanbacher, Secretary

Gary Edwards ChFC, CLU Ameriprise Finan Financial Advisor 267 John Knox Re

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Tallahassee Chassee

August 2014

PINE NITOMORIU PI

The Next TRAACA Club Meeting is Tuesday, August 12, 2014

Always on the 2nd Tuesday of each month at the <u>Old</u> Auto Museum location Dinner at 6:00 pm General Meeting to start at 6:45 pm

Menu

Sonny's BBQ

Program

TBA

And the subsequent TRAACA Club Meeting will be on Tuesday, September 9, 2014

Meet at old Gulf Station in Quincy every Friday

The men meet for lunch* and talk Cars at 12 Noon. The station is off Hwy 90, on the East end of town. - See Picture of the Hollingsworth's Gulf station on Title Page -* Hot Dogs are provided on the 2nd & 4th Friday of each month. (but, bring your own lunch on all other Fridays)

Monthly Get Together Event on the Fridays Following the General TRAACA Club Meetings. We Meet at the Cracker Barrel for Breakfast at 8:30 am at the I-10 & North Monroe location

[Next two are August 15, 2014 & September 12, 2014]

The Sunshine Committee

If you, or another club member you know of, are having any health problems or other issues, please let us know.

Sunshine Committee Contacts:

Pam Pumphrey	Phome: (850) 385-2290 Email: dapfarms@comcast.net
OR	
Bella McCollum	Phone: (850) 997.7701
	Email: mccollumc@embarqmail.com
OR	<u> </u>
Jeanne Cloud	Phone: (850) 385-9947 or 385-0123
	Email: baba01@embargmail.com

Club Event Planning

Check out our Club Activity Calendar and the Activities Page for all the latest events and shows for TRAACA members on the web at: http://traaca.org/traaca_news.html

<u>August Birthdays</u>

- 4 Peggy O'Rourke
 13 Ray Davis
 14 Bob Grimes
 17 Dan Baxter
 25 Heidi London
- 26 Julie Rainey
- 20 Chuck Kunstbeck
- 29 Tom Link

There may be Birthday cake, cookies & coffee at our general club meeting. (*Think I was told this would be ongoing.*)

Monthly Tallahassee Cruise-Ins

Sonic/Hardees on North Monroe 1st Saturday each Month (just north of Capital Circle)

Whataburger Drive-In on Thomasville Road

2nd Saturday of each month — Ford & Chevy Clubs Last Saturday of each Month — Street Rod Club

Crawfordville Hardees 2nd Saturday of each month — 6pm to 9pm

Whataburger on Apalachee Parkway 3rd Saturday of each month

National and Regional Events

Check the AACA website at <u>http://www.aaca.org</u>, for all events and for full details of these and other national events.

Tallahassee Region, Antique Automobile Club of America (TRAACA) Members can also read details and lists of Antique Automobile Club of America (AACA) events in the AACA "Antique Automobile" magazine.



See the picture of Peggy O'Rourke with her "Cruiser of the Year Award" presented to her at the Sonic cruise-in on July 5th!

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Craig Brown took the photo of Peggy at the Sonic and supplied the information to me too. Ray Bartell, Editor

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From your Reporters in the field: Ramblings and Roving's of Junkyd Dog & Fluffy and sometimes with Stray Dogs too

Junkyard Dog and Fluffy on the road again.

This time heading east to check on five cars.

After about four hours of driving we located them.

Upon arriving we found in the back yard the nicest building we all wish we had.

We first spotted a 1902 Holsman automobile which had one big headlight in front and kerosene lights on each side. But only one small kerosene light on the rear, don't guess anyone was going to come up behind him. The wheels were wagon wheels.

Behind this car we find a 1958 Willys station wagon, special made Maverick. They only made 100 of these, this one being 42. It's a two door with slide glasses. A really neat looking vehicle.

The next car is a 1937 Ford racer which had been restored some time back and looked real good. Guess what the number is on the side? That's right, 37. It still had the flathead Ford engine. The artwork was a monkey pushing donkey in a wheelbarrow. You can guess what it said.

Further in the dark warehouse, we located, believe it or not, a 1936 Ford convertible with rumble seat in very good condition. Makes you want to cry, you know you always wanted one.

Last, but certainly not least, was a 1927 Model T Ford touring car. Looks to be in fairly good shape but needs some engine work.

We got a kick out of seeing, in the corner, a baby Model T in process of being restored.

Also a golf cart in the same condition.

Now, out in the yard, a 1978 Dodge Little Red Pickup Express in need of lots of TLC. You know that stands for Takes Lots of Cash.

The Bronco out there looked pretty good, but it has a small problem, it won't back up.

There was even a Cushman that was road worthy, headlights, blinkers with three speeds. It'd do about 60 MPH.

Keep on sniffing, you never know what you'll find. Junkyard Dog and Fluffy

Photos continued on page 5



1958 Willys Jeepster Wagon



1937 Ford Cpe Dirt Track Racer



Tallahassee Chassee

August 2014

Page 5

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Photos continued from previous page - "Ramblings and Roving's of Junkyd Dog & Fluffy":

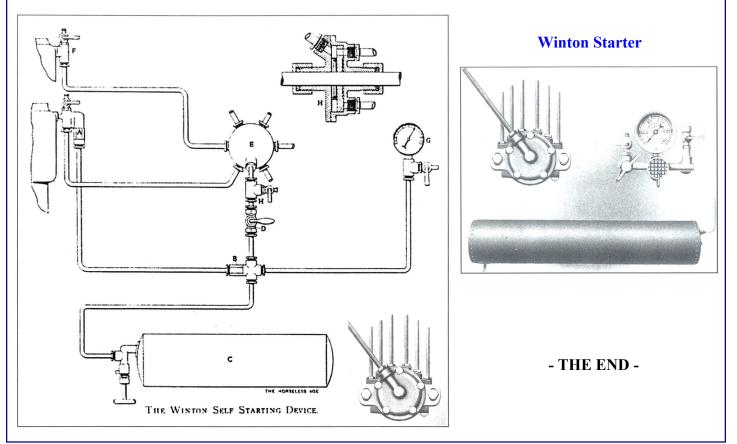




- THE END -

Associated diagrams from "Who Invented the Self-Starter?" article by Norm Madsen

Air Starter Schematic





The 1940 LaSalle wiring project - Third in the series by TRAACA member Dennis Tober

Zen and the Art of Wiring Harness Installation Part III

This is the third installment of a series of articles regarding a bumper to bumper removal/reinstallation of the electrical wiring harness for a 1940 LaSalle 4-Door Sedan Series 52. The emphasis of this installment centers on some of the technical aspects of the project.

As mentioned in the previous article, Zen as related to quality of process is the under riding factor. The importance of quality relates to not only the technical aspects of the project but also how metal control now becomes even more important as on the second workday, I found myself as the sole club member working on the vehicle. How does one with limited mechanical experience and ability individually accomplish such a complex, complicated and daunting task? Fortunately, Neal Davis, the shop owner is an antique automotive Guru, and is there to direct me on basics and to answer questions. However, I do not want to place too much of a burden on his personal time. Especially, when that time is volunteered for the club and I am taking up shop space! I know it will be important to concentrate on not being afraid of the upcoming technical challenges and to face the expected mental frustrations. I will learn to work only when positively motivated and to stop and take a breath or sometimes just stop, drop the work and continue fresh another day.

First it will be necessary to remove existing harnesses from vehicle. Reference pictures #1 & & #2 of the old harness and picture #3 of the new harness to go in, on the following page.

The vehicle's wiring harness consists of two major components consisting of a front harness and a rear harnesses that connect together under the dash. The front harness is dash forward and the back one is for steering wheel backward.

The old front harness wiring was detached from all of it's components under the hood including the removal of wiring and the remaining connections, bolts and screws of the dash and those components going to the engine compartment. The old rear harness was disconnected and removed complete to rear taillights. It should be noted that prior to this, the front seat was completely removed from vehicle. Removal allowed one to lay relatively relaxed on their back as opposed to working in a cramped and upside down manner like an astronaut stuck on the pad waiting for launch. However, I did not realize that removal of the seat alone would be a 2 hour job! Reference pictures #4 of interior with front seat out, on the following page.

The harness component to the rear of vehicle ran above the doors and behind the headliner on inside of vehicle. Remove a perfectly grand headliner, at least enough to pull harness out? Yes, but it had to be done, so ask the Zen Master....the auto Guru for advice, take a breath of air and proceed!

Reference pictures, #5 & #6 of the headliner removal in order to replace the harness, on the following page.

How in the heck does all this go back together!

Stop! That mental thing just crept in! It is here that the Zen aspect of quality needs to be applied. One should discipline themselves to recognize this upfront in order to prevent unnecessary mistakes and blunders eliminating destructive frustration...Walk Away!!!! Get ready physically i.e, stretch sore muscles and get ready mentally for the next Zen challenge! ...maybe tomorrow, and then again there is always next week.

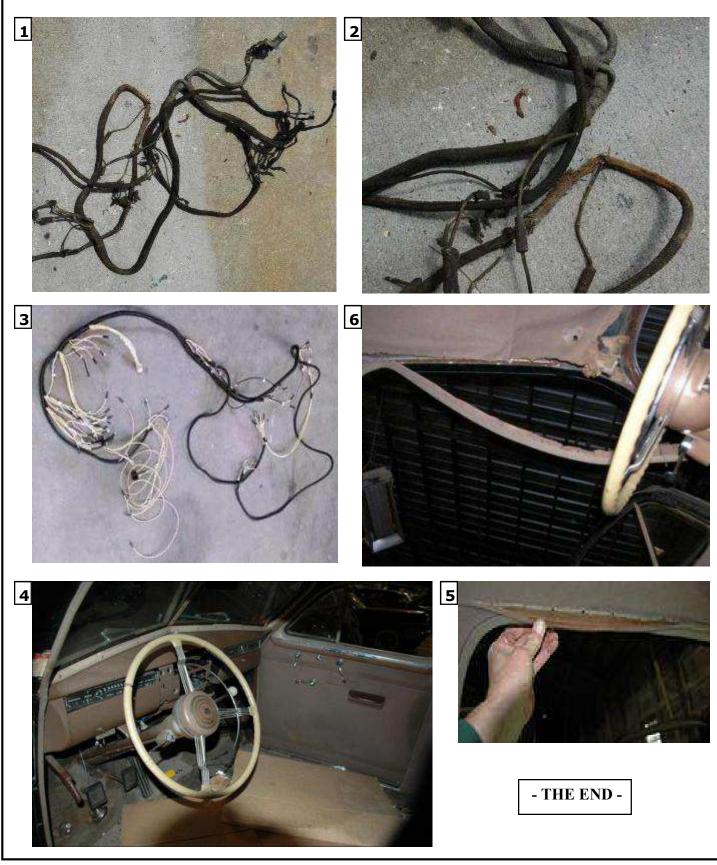
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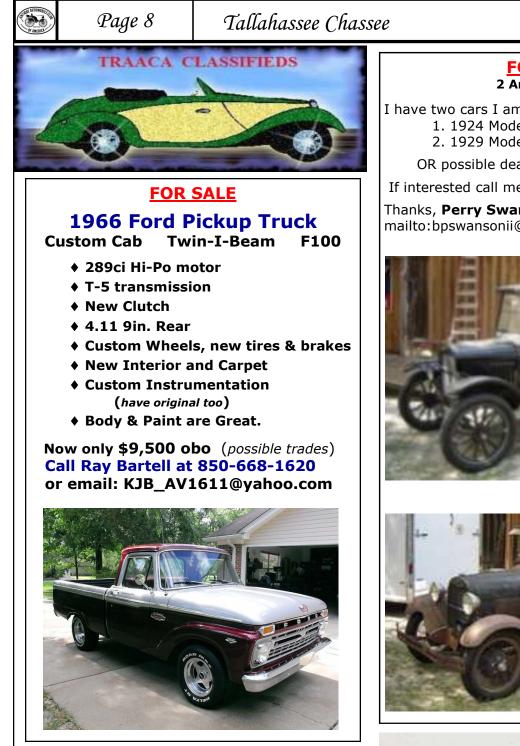
Photos for this article are on the following page (P7)

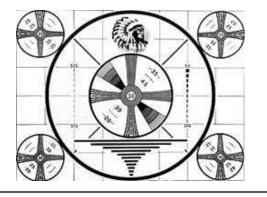
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AMERICA

Photos for "The 1940 LaSalle Wiring Project" article on the previous page (P6)







FOR SALE

August 2014

2 Antique Autos

I have two cars I am interested is selling. 1. 1924 Model T touring car \$9,500. 2. 1929 Model A cut-down pickup \$8,500.

OR possible deal for both vehicles.

If interested call me at: 912-381-2458.

Thanks, Perry Swanson mailto:bpswansonii@gmail.com





Gary Edwards ChFC, CLU **Financial Advisor** Associate Vice President



Ameriprise Financial Services, Inc. 267 John Knox Rd Suite 118 Tallahassee, FL 32303-6628 Tel: 850.668.8200 Fax: 850.668.8617 Toll Free: 800.769.7016 gary.edwards@ampf.com http://ameripriseadvisors.com/gary.k.edwards/profile/



Craig Brown took this picture of Peggy at the Sonic cruise in on July 5th with her "Cruiser of the Year Award."

Our own Peggy O'Rourke was named "Cruiser of the Year" at the Sonic cruise in on July 5th.

The award was presented because Peggy is a regular attendee and friend to all, plus she always supports the event by purchasing 50/50 tickets.

Always a class act, Peggy encouraged the TRAACA members to help her celebrate by treating them to ice cream.

Congratulations Peggy!







Tallahassee Region Antique Automobile Club of America P.O. Box 3903 Tallahassee, FL 32315

Tallahassee Region Antique Automobile Club of America <u>http://www.traaca.org</u> National

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