WAUKESHA OLD CAR CLUB



waukeshaoldcarclub.org



June-September 2020

Spark and Sputter



1934 Buick

Owned by Jeff and Anne Krumrich

2020

Officers and Board members

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Ron Herman

Vice President

Steve Heinemann

Treasurer

Jim Young

Secretary

Sarah Ksicinski

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Newsletter Editor / Board Member at Large

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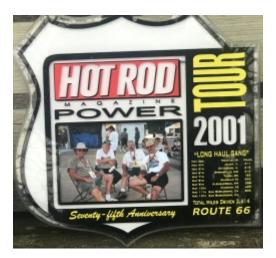
Member Dues

Membership dues are due on February 15 of each year. Members receive a 50% discount on dues by working a minimum 4 hours for the club throughout the year.

Club Meetings

The club membership meets at 7:30pm the second Monday of the month at Foxx View Lanes in Waukesha.

The Board meets 45 minutes prior to the member meeting.



1934 Buick Series 67 4-Door Owned by Jeff and Anne Krumrich

I built the Buick and kept it looking as original as possible. It has a Chevrolet LS1 engine, Ford rear end and a Nova front clip. The shifter is a straight up original style and is connected to a GM 4L60 automatic transmission. It has power windshield wipers, stainless steel exhaust system and custom made Buick spoke rims to keep it looking original and to fit today's wide tires. The side mount had to say original to fit into the side covers but the hole pattern in the original rim had to be changed for possible use as a spare. In 1934 the full steel roof was not possible so the vinyl roof was replaced.

Wide running boards flow from the large front fenders to the wide back fenders. It has curved chrome metal bumpers front and rear and a beautiful luggage rack in the back that drops down over the rear bumper to carry a trunk. The chrome head lights feature special lenses with the original silver reflectors inside. The reflectors tarnish each year and need to be polished.

The interior has air/heat, cruise control and CD player. The seats are covered with mohair and special wood graining on the dash and around the windows. There are shades on the side windows, a blanket bar behind the back seat and a foot bar that folds down to the floor for women's high heel shoes.

- The Series 67 with it's 128 inch wheel base is one of the largest cars built by Buick.
- It was one of the many cars used in the movie Public Enemies
- One of the first large four door sedans that was built into a street rod as listed in a short blurb in Hot Rod Magazine
- ♦ The artistic hood ornament, grill, outside trim and sculptured taillights are the most photographed items on the car.
- ♦ Clark Gable owned one

Jeff

Memories: Hot Rod Power Tour.

Dan Calvano, Tom Garibaldi, Dale Schneider and Jeff Krumrich participated in the 10 day Hot Rod Power Tour from Michigan to California via Route 66. We had a great time, lots of fun and a load of good memories

WOCC Meeting Highlights July 13th, 2020

The July meeting was called to order @ 7:31pm. Approximately 15 members present.

The Pledge of Allegiance was said by all.

Officers and Board members were introduced.

There were no new members or guests.

President's Report: Ron introduced the Officers and the Board.

He reviewed the board meeting that was held prior to the general meeting.

- Jim Young, Treasurer, said that he has at his home club financial records that go back to the club's inception. Jim asked for permission from the board to destroy old records that were no longer required to be saved. The board concluded that the most recent 10 years plus one will be held all others will be destroyed.
- The board made the decision that due to the cancellation of the car show, dues for all members will be \$20 next year.
- The club events at Murf's and the Picnic and Auction have been canceled. Iola, Jefferson and Elkhorn are canceled as well.
- The club members will be doing a parade past Mel Starks home to celebrate his 95th birthday.

Vice President's Report: no report

Treasurer's Report: Jim gave a report of income and expenses for March thru July. He said that many fees have been paid out for events that have been canceled. Some of those fees have been rolled over for next year and some have been refunded.

Secretary's Report: Sarah read the minutes from the March meeting. The minutes were accepted as read.

Sunshine Committee: No report

Committee Reports: no reports

Old Business:

- The club periodically receives requests for cars for parades. The club has decided not to participate unless it is for a club member. Members can make their own decisions.
- Club meetings will be held as scheduled unless you are notified otherwise. Emails will be sent to members as a reminder along with a meeting agenda

Tech Talk:

- Al Schultz has 2 solar panels for sale (see swap space ad).
- Jim Young (2) said that Gillette's Collision Center would like the club the come again for a My Garage. He is also interested ceramic coatings, if you have any information let him know.
- Jim Young (1) has his Corvette for sale.

The meeting was adjourned at 8:07pm.



Due to the pandemic and canceled meetings the newsletter got out of sync.

Now that the world is opening up again we can get back on track.

WOCC Meeting Highlights August 10th, 2020

The August meeting was called to order at 7:30pm by President Ron Herman.

The meeting was started with the Pledge of Allegiance.

The Officers and Board members were introduced.

There were 16 members present, there were no new members or guests.

President's Report-

Ron reviewed with the members what was discussed at the board meeting.

- He said the board recommended that the club maintain its liability insurance even though there will be no club functions this year.
- The annual club gathering at Murf's has been canceled for this year.
- The Waukesha location for Murf's Custard has closed. Therefore the club is looking for a new location for next year. If you have any suggestions bring them to the meeting or contact Ron.
- The club is looking for speakers for the club meetings, possible events that are in the works is a My Garage at Gillette Collision Center that would cover pin stripping and dent removal. If you have any suggestion contact Ron.

Vice President's Report-

- Steve said that the board decided that because of the canceled car show which eliminated the opportunity for members to fulfill their obligation to work four hours for the club, all members will pay \$20.00 for their dues next year.
- The club is always looking for members cars to be featured in the Spark and Sputter.
- There are hard copies of the club roster and newsletters available at club meetings.

Treasurer's Report-Jim reported the income and expenses for the month of July. He reported that all pre-registration monies have been returned.

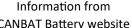
Secretary's Report- Sarah read the minutes of the July meeting. The minutes were accepted as read.

Sunshine Committee— Victor Peurgini reported that Floyd Michaels' son had passed away. Steve will be sending out information on the funeral service via email.

Old Business The Desoto Club Show that was canceled has been rescheduled for the same weekend next year...

New Business There was no new business.

Meeting adjourned at 7:55pm.





The purpose of this "AGM VS Flooded Batteries" article is to help understand the differences and similarities of the two battery types.

You are most likely using a rechargeable battery to operate one of the following: your vehicle, security alarm system, industrial equipment, or renewable energy systems. We are safely making this assumption because rechargeable batteries account for nearly 50% of the battery sales in the world. Rechargeable batteries come in many different types of chemistries. However, the most proven type and the most popular chemistry is the lead acid.

Wet cell batteries are commonly referred to as "flooded batteries". Absorbed Glass Mat batteries are referred to as AGM batteries. Both flooded and AGM batteries are considered lead acid batteries. These batteries contain an electrolyte solution which causes a chemical reaction and produces electrons. Lead acid batteries are recharged when they are put in contact with a reverse current. However, based on their design, they each have their own pros and cons, which should be considered when selecting the batteries that is right for your application.

Flooded/Wet Cell Batteries

Flooded batteries are the most traditional type of battery. Flooded/wet cell batteries contain a combination of liquid electrolyte, referred to as acid. This liquid must be tested and maintained on regular basis, for the flooded battery to perform properly.

Pros: Flooded/wet cell batteries are most suited for backup power applications, utility, and grid energy storage.

Cons: The most prominent disadvantage of flooded batteries is that they require regular inspection and maintenance. Flooded batteries can also be accidentally damaged by forceful movement. Lastly, extreme climate conditions can have a greater impact on the battery life, since the electrolyte solution inside the battery is at risk of evaporation in hot temperature or freezing in cold climates.

Note: Although flooded batteries do require regular maintenance, they will last longer if they are taken care of properly.

Absorbed Glass Mat (AGM) Batteries

AGM (absorbed glass mat) batteries contain a specially designed glass mat separator, hence the name. The separator wicks the electrolyte solution between the battery plates. The design of this material allows the fiberglass to be saturated with electrolyte and to store the electrolyte in a dry or suspended state, compared to the traditional free liquid form. When the battery is used, electrolyte is transported from the glass mat to the battery plates. The mat has enough electrolyte for the battery to deliver its full capacity.

AGM Pros and Cons

Pros: AGM batteries are referred to as maintenance free batteries as they don't require additional maintenance. AGM batteries don't have free liquid and have minimal gassing. As a result, AGM batteries can perform better than flooded/wet cell batteries in applications where regular maintenance is not possible. AGM batteries are referred to as non-spill or spill-proof. This means that if the battery is tipped on its side or if it becomes physically damaged, it will not leak its electrolyte.

Cons: AGM batteries are very sensitive to overcharging and undercharging and doing so can significantly affect the life and performance of these batteries. AGM batteries perform most reliably when they are only discharged up to 50% of battery capacity. This is usually referred to as depth of discharge or "DOD".

AGM batteries are used in a wide range of applications, including: Off-grid power systems, Renewable energy systems (wind and solar power), Electric vehicles and vehicles with high battery loads, Uninterrupted power supply systems (UPS), Robotics, ATVs and motorcycles. Solar streetlights

AGM Battery Maintenance

Proper battery maintenance is important for maximizing the service life of an AGM battery. All AGM batteries are maintenance-free, in the sense that they don't require topping off. Standard flooded batteries, also known as wet cells, require regular topping off. Nevertheless, it is important to ensure that you are using your AGM battery properly and avoid any misuse that may cause the battery's life to be shortened. In this article, we will breakdown AGM battery maintenance steps into three categories: storage, sulfating and charging.

AGM Battery Storage

Proper battery storage is one of the important steps towards maintaining your AGM battery. When storing your battery, you need to be aware of several factors. The first one is temperature. Storing your battery in a hot environment will shorten its service life. AGM batteries must be stored in cool environments. Another factor to consider when storing your battery is ventilation. As part of your guide to AGM battery maintenance, is it important to store your batteries in a ventilated place, never in a sealed container. This is because AGM batteries may release some gas during the charging and discharging cycles. Overtime, the gas is accumulated and becomes a flammable hazard, which could cause a fire when it comes in contact with a spark. When you are not using your AGM batteries and you're storing them away for later use, it is important to fully recharge them at least once every 4 to 6 months.

AGM Battery Sulfating

AGM batteries are maintenance-free, meaning that they don't require maintenance on a regular basis. However, misusing the batteries will cause some issues that need to be maintained. One of these issues is battery sulfating, which occurs when the sulfuric acid inside the AGM battery reacts to form a lead sulfate on the battery's negative plates and terminals. This causes the surface area of the acid to be reduced, causing it difficult for the battery to hold a charge. To avoid battery sulfating, it is important to charge your AGM battery before storing away for later use. This is an important step towards smart AGM battery maintenance. If your AGM battery is already sulfated, there are some battery chargers on the market that claim to be able to reverse the process. Although these battery chargers may improve the battery's condition, they can only do so much. Furthermore, these battery chargers are usually expensive, so you might be better off buying a new battery instead of trying to repair your old one.

AGM Battery Charging

Charging your AGM battery correctly and using the proper AGM battery charger is a crucial step towards improving battery life and performance. Both overcharging your battery and undercharging it will cause harm to the battery. Overcharging an AGM battery will physically damage the internal structure of the battery, which usually causes it to inflate and release a lot of gas. Overcharging an AGM battery does not shorten its service life but will kill the battery altogether. On the other hand, undercharging an AGM battery, especially on a regular basis, may cause the battery to never fully recharge again. Let's assume you have a 12V300Ah battery. If you constantly only charge it to 80%, the battery will lose its ability to fully recharge to 100%, even if you keep the charger plugged in. This means you'll get a shorter service life out of your battery, which is 80% of the full capacity in this case.

Charging AGM batteries properly is a very important step in ensuring a long service life. AGM batteries are used for a wide range of applications. For example, they are used in powering your electronic devices, providing backup power to your UPS, powering your car and storing renewable energy for future use. In order to ensure your AGM battery lives for years, it is critical that it is charged properly. If you charge your AGM batteries incorrectly, they will face premature aging. Meaning, your batteries will not provide the service life that they were designed to. In fact, improperly charging your AGM battery may cause the cells to preheat, damaging the battery and causing it to die within a matter of hours. In order to make the battery live for years, follow the 4 tips below for charging your AGM battery:

• Buying the Recommended Charger

Battery chargers are not designed as a one-size fit all. Some chargers are designed to provide small amounts of power, while others are designed to provide a lot of power. Generally, the larger the battery, the bigger the charger you'll need and the smaller the battery is, the smaller charger you'll need. When we're talking about the size of the battery or the size of the charger, we're not talking about the physical dimensions. In fact, we are talking about capacity, which is annotated in amperes (Ah).

• Understand How Charges Affect Different Batteries

Many people believe that charging an AGM battery is like charging their laptop battery, but of course this is not true. In fact, the batteries used in laptops are a completely different technology. Laptop batteries are lithium while AGM batteries are lead acid. For this reason, charging AGM batteries is different and requires special charging procedures. For example, lithium batteries may be partially charged for a while without significantly harming the batteries. Charging AGM batteries requires you to fully recharge the battery. In fact, you're supposed to slightly over-charge the batteries to give them a "top up". Smart AGM chargers do that for you, so you don't need to worry if you have one of those. If you repeatedly only partially recharge an AGM battery, let's say up to 80% every time, the battery may lose its ability to fully recharge to 100% in the long term. This means the AGM battery would only be able to recharge up to 80%.

Charge AGM Batteries in The Right Temperature

AGM batteries have a certain charge temperature range. This means if the temperature falls outside of this range, you should not be charging AGM batteries. For all types of lead acid batteries, you should avoid charging if the ambient temperature rises above 40 degrees Celsius or 104 degrees Fahrenheit. Cold weather also affects charging AGM batteries. You should avoid charging your batteries if the temperature falls below 0 degrees Celsius or 32 degrees Fahrenheit. Ensuring the temperature is within the range of 32 and 104 degree Fahrenheit is important while charging, in order to ensure the battery lasts as long as it was designed to last.

Don't Worry If Battery Warms Up

Toward the end of the charging cycle for AGM batteries, you may find that the cells may feel warm. This warmth is normal for lead acid batteries. In fact, you can still use the battery in your electronic devices while it's warm. Please be careful and note that we are only referring to AGM batteries when claiming it's fine to use them while they're warm. This does not apply to small AA and AAA rechargeable batteries, which you may have picked up from your local grocery store. Furthermore, when referring to a warm AGM battery, we are not saying hot. If the battery is too hot, you should not use it. However, if you place your hand on the battery and feel a bit of warmth that is normal. If you feel your AGM battery is getting too warm during the charging stage, you may give it a break by disconnecting the battery charger. Once the battery cools back down, then you can reconnect the charger to continue charging.

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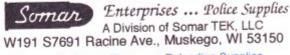
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Swap Space

FOR SALE: 1947 Maytag 72/2 cylinder engine runs good \$150.00, 1947 Briggs and Stratton engine runs, \$50.00, Honda GC160 engine fixed RPM, 7/8 straight shaft. \$50.00 Contact Bob Merner @ 262-549-0748

FOR SALE: Enough body parts to assemble a 1934 Chevy DB cab, with some extra parts + windshield frame, radiator shell / bottom, hood, cowl, roof, rear panels, headlight pods, some trim parts, doors, rather rough-looking bottom rust, one spoke wheel. Offer your best price. Contact Jim Stein, Sussex, WI. @ 262-246-6868.

FOR SALE: 2 Harbor Freight 100 watt solar panels, brand new in unopened boxes Make offer.
Contact Al Schultz @ 262-968-2092

FOR SALE: Rotisserie for car bodies asking \$1,000.00 Contact Roy Rathke at 262-544-0023

FOR SALE: 1997 Oldsmobile Aurora Needs brake lines Asking \$1,000.00 Contact Harry Roszanski at 262-366-3886

Spark and Sputter

The club newsletter, *Spark and Sputter*, is published 6 times per year on the even numbered months. The deadline for articles and pictures for the newsletter is 2 weeks prior to the newsletter being published. Send items to be published in the newsletter to Bob Merner at romer512@gmail.com

FOR SALE: 1915 Ford Model T Brass Touring Car

Valued by Volo Auto Museum in Illinois at \$10,000 in 2017. Kept in Northern Illinois. Stored on jack stands. Unsure when it ran last. Asking \$10,000.

Call Ed at 262/844-4310 for more information and pictures

Submitted by Greg Marchand



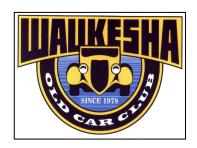
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The purpose of the club shall be to promote the interest of automobiles for the enjoyment of its members



PO Box 645 Waukesha, WI 53187



Coming Events

All events are pending due to the quarantine policies

Club Picnic and Auction has been canceled for this year

- September 14
 7:30pm Membership Meeting @ Foxx View Lanes
 Board meets prior to the membership meeting
- October 12
 7:30pm Membership Meeting @ Foxx View Lanes
 Board meets prior to the membership meeting

FOXX VIEW LANES CAR SHOW Wednesdays May thru Labor Day weather permitting LIVE MUSIC 4PM-9PM FOOD AND DRINK SPECIALS