APRIL 2023 TULSA REGION AACA NUMBER 4



1950 Mercury Sedan owned by Keith Jones.

This 1950 Mercury Sedan was restored by Red Frese about 20 years ago. Red owned the car twice after he restored the car. I bought the car about a year ago. I have always wanted a 50 Mercury, and always told myself that if I ever

found one that was all original and not messed with, I would buy it. There are still a few things that have to be done to the car, then we can start enjoying it. Keith Jones



## **President's Notes**

by Steve Schnitzer, President

Dear Fellow Auto Enthusiasts,

There is no better time to be a member of Tulsa Region AACA than right now.

#### Consider:

- --The Club is flush with monetary resources (thanks to a long-awaited and highly successful divisional tour last summer),
- --Coronavirus is (largely) a thing of the past (if you have your vaccinations and practice good hygiene),
- --People are stir-crazy to get back "out and about."

To this, your Board is engaging all kinds of activities this year, including meetings with captivating presentations, auto tours, site visits, museum dates, and parades.

Your charge, as an active and contributing member of our club, is to invite guests (and potential new members) to those events. Remember our #1 priority: Joining new members to our ranks. Progress is being made, folks. Already this year we have ten (10#) new applications!

As evidence of your Board's conscription to the cause, I submit these imminent prospects:

<u>April 8<sup>th</sup></u> – We will take a short trip to the Bruce Ricks collection. Meet at Sand Springs Quik-Trip, 2 E. 41<sup>st</sup>. Leave 9:45am and

caravan just 2 ½ miles to destination. Your Saturday morning investment in time will be well-rewarded: Bruce Ricks is a 6-time (at least) Ridler Award winner. This award has been presented annually since 1964 at the Detroit Autorama, and each has signified him recognition as concepting the foremost custom car creation, nationally.

April 15<sup>th</sup> – One week hence, we join Sapulpa Draggin' Masters at the newly-restored Tee Pee Drive-In located less than a mile west of our Heart of Rt. 66 Museum. 1 – 5 pm. Bring your steel baby (and your baby, as appropriate!) to this event. My thoughts are to haul my contribution midday via trailer to the Ht. 66 Museum parking lot, unload there then drive on in. "This Oughtta Be Fun!"

We will discuss further details on these and subsequent activities, then witness an exclusive follow-up presentation by our GM Maps Engineer, David Craig, on "The Future of Motoring with Driverless Automobiles." Rumor has it that Dave will even have a prototype vehicle on hand, replete with demonstration. . . OH MY—this could beat the annual New York new car auto show.)

Don't dare miss the Sunday, Apr. 2<sup>nd</sup> general meeting!

Steve





# Tulsa Region AACA General Meeting Minutes March 5, 2023 Joanna Cooper's Car Emporium

by Joe Smith, Secretary/Treasurer

President Steve led the Pledge of Allegiance.

Guests introduced – Jeff Peterson and Adam Sheppard (both joined). Benny Coe and Jim Eppler.

Minutes of previous meeting read by Joe Smith. Treasury Report given by Joe Smith.

Joe Smith showed Joanna Cooper a photo of him standing with former AACA Board Member Mike Jones. Joanna shared some information on Mike Jones.

Jokes – Carolanne Mahan, Mike Halley, Steve Schnitzer.

Ladies Luncheon – Linda Beeson – 2<sup>nd</sup> Wednesday of the month at Egg It On, Broken Arrow.

Men's Luncheon – Lee DeBoer – 12:30 every Wednesday at Mom's Diner in Owasso.

Steve thanked the calling committee that is made up of Chuck Mahan, Carolanne Mahan and Debbie Harding.

Joanna Cooper reported on Bob Strattan winning top awards in Vintage Chevrolet Club of America for his 1946 CHEVROLET pickup.

Joanna Cooper presented Bill and LaVon Ruedy with a Certificate and an Award from National AACA for Master Editor of Runningboard Ramblings for the Tulsa Region AACA. Joanna Cooper reported on the AACA National Convention in Williamsburg, Virginia.

Joanna Cooper promoted the Divisional Tour in Santa Barbara, California for September 25-29.

David Turner reported on our March 11<sup>th</sup> tour to Wheels of the Past.

David Turner talked about the club going as a group on April 15<sup>th</sup> (**Changed to May 20<sup>th</sup> since meeting**) to the Will Rogers Museum to participate in the Tin Lizzies event, car show begins at 1:00.

David Turner discussed a Model T (35mph) friendly tour moving the HQ from Sulphur to Pauls Valley possibly September 21-23.

President Steve said the date for the AACA sponsored car show at Smitty's Garage (Restaurant) in Owasso will be May 6 with a rain date of May 13.

Mike Halley said the Alfa Romeo club is having a tour to McPherson, Kansas with a drive through the Flint Hills, the tour name is Kansas Trail Ride. April 21-22. AACA members are invited to participate.

Mike Halley discussed the European car show in Sand Springs on June 10<sup>th</sup> at CASE PARK.

Mike Halley said the best attended monthly event in the CORVAIR club is a tech session on the 4<sup>th</sup> Saturday each month.



Mike Halley stated he is working on other clubs to join us in the Veterans Day Parade in November.

Mike Halley promoted Vintage Racing at Hallet March 24-26.

Walt Knickerbocker mentioned that a lady (Laura Pettis?) was looking for an antique car for a wedding on April 15<sup>th</sup> and would be needed from 5:30 to 11:00. Ted Gose volunteered to use Joanna's 1948 Buick if the lady was accepting. (Note: the daughter decided on a TESLA so she could go green, the mother of the daughter was disappointed).

Editor Bill Ruedy stated he will need a feature car for the newsletter in December.

Debbie Harding still has slots to fill on the monthly cookie program.

David Turner reminded us that he creates Window Cards for our cars. See David.

President Steve reminded us that he will pay National Dues for the first 20 new members in 2023 and the Region will absorb the local dues.

President Steve announced he was looking for presenters to provide our meeting entertainment June through December.

Meeting adjourned.

President Steve entertained us with a slide show of his visit to Auburn, Indiana and Detroit, Michigan.

## Links to car sites:

Tulsa Region AACA

Tulsa Region AACA Facebook

National AACA

Model A Club of Tulsa

Model T Ford Club of Tulsa Facebook

Early Ford V-8 Club Tulsa

Corvette Club Tulsa

Tulsa Classic Thunderbird Club of Tulsa Facebook

Route 66 Cruisers Car Club Claremore

Heart of Route 66 Auto Museum

Oldies 'n Goodies Car Club | Bartlesville OK | Facebook

Green Country Corvair Group



### 2023 Calendar of Events

#### **Recurring Events:**

- Every 2<sup>nd</sup> Wednesday Ladies Only Luncheon 11:30am at "Egg It On" in Broken Arrow
- Every Wednesday Men's Luncheon 12:30pm at Mom's Diner 11691 N Garnett in Collinsville
- Every 3<sup>rd</sup> Saturday of each Month April 15<sup>th</sup> October 1-3pm <u>Tin Lizzies and Classics</u>
  <u>Car Show</u> at Will Rogers Memorial Museum in Claremore Free Admission, People's Choice Awards.
- Every 2<sup>nd</sup> Wednesday Owasso Cruise-In at Owasso High School
- Every Tuesday <u>Tulsa Tuesday Cruise</u> 4pm 7:30pm (Mar 14 Oct) McAlister's Deli 91<sup>st</sup> & Memorial

#### Tulsa region club events are in red bold italics print.

#### April

- 2 General Meeting 2PM at Joanna Cooper's Car Emporium
- 8 Trip to the Bruce Ricks collection. Meet at Sand Springs QuikTrip, 2 E 41<sup>st</sup>. Leave at 9:45 and caravan just 2 ½ miles to destination.
- 8 The Harper's Hut Classic Car Show Pogue Airport, Sand Springs, OK
- 13-15 Southeastern Spring Nationals, Charlotte, North Carolina Hornet's Nest Region
- 14-16 Tulsa Auto Show at River Spirit Expo at Expo Square
  - 15 Sapulpa TeePee Drive-In Grand Opening Celebration Car Show 1-5pm
- 21-22 Kansas Trail Ride Join the Alfa Romeo club on a tour to McPherson, Kansas with a drive through the Flint Hills.
- 21-22 Tulsa Swap Meet Kellyville, OK
- 30-May 3 Southeastern Divisional Tour (Up to 1998) Oak Ridge, Tennessee E. Tennessee Region **May** 
  - 6 Tulsa Region AACA Sponsored Car show At Smitty's Garage in Owasso Rain Date – May 13
  - 7 General Meeting 2PM at Joanna Cooper's Car Emporium
  - 20 Tin Lizzies and Classics Will Roger Memorial Museum in Claremore 1-3pm Lunch at 11:00am at Buddy's Grill, then caravanning together to the museum.
  - 18-20 Eastern Spring Nationals, Gettysburg, Pennsylvania Gettysburg Region

#### June

- 4 General Meeting 2PM at Joanna Cooper's Car Emporium
- 10 The 2023 Euro Motor Extravaganza Case Park, Sand Springs
- 10 The Hogs 'N" Hot Rods Car Show Collinsville, OK
- 23-25 AAA Route 66 Road Fest Tulsa Expo Center
- 25-28 Eastern Divisional Tour, Denver, Pennsylvania AACA Library hosting



#### July

- 2 General Meeting 2PM at Joanna Cooper's Car Emporium
- 8 <u>All-Mercury Invitational Car Show</u> Tulsa Expo Center
- 8 Route 66 PatriotFest 3770 Southwest Blvd, West Tulsa, OK, 9:00am
- 6-8 Central Spring Nationals, Auburn, Indiana Crossroads of America Region
- 16-22 Founders Tour (1932-1998) Ontario, Canada Ontario Region
- 26-29 Special Eastern Spring Nationals Norwich, New York The Rolling Antiquers Region
- TBA AACA Tulsa Region Rally and Event at Heart of Route 66 Auto Museum in Sapulpa OK. Rally will begin at the Cyrus Avery Plaza parking area at 2:00pm and will end at the museum about 4:00pm.

#### August

- 6 General Meeting 2PM at Joanna Cooper's Car Emporium
- 10-12 Grand Nationals, Bettendorf, Iowa Mississippi Valley Region
- 16-19 Vintage Tour (1931 and earlier) Aroostook County, Maine Maine Region
- TBA Wings Wheels & Wishes Collinsville Airport
- TBA Owasso VFW Car Show

#### September

- 9 Sapulpa Route 66 Blow-out
- 10 General Meeting 2PM at Joanna Cooper's Car Emporium
- 14-16 Special Central Divisional Tour (Up to 1998) Piqua, Ohio Southern Ohio Chapter
  - 16 Oldies 'n Goodies Car Show in Dewey OK
- 21-23 Club (Model T friendly) tour headquartered in Pauls Valley
- 25-29 Western Divisional Tour (Up to 1998) Santa Barbara, California

#### October

- 1 General Meeting 2PM at Joanna Cooper's Car Emporium
- 3-6 Eastern Fall Nationals, Hershey, Pennsylvania Hershey Region
- 21 Robbers Cave Car Show
- 22-27 Revival AAA Glidden Tour (Pre-1943) Thomasville, Georgia VMCCA hosted
- TBA Little Lighthouse Car show

#### **November**

- 5 General Meeting 2PM at Joanna Cooper's Car Emporium
- TBA Veterans Day Parade Organized by Mike Halley
- TBA Veteran's Day Tour to Hallett Motor Racing Circuit Organized by Mike Halley

#### **December**

- 3 General Meeting 2PM at Joanna Cooper's Car Emporium
- TBA AACA Tulsa Region Christmas Party



## Trip to Wheels of the Past March 11, 2023



Met at Heart of Route 66 Auto Museum to caravan to Wheels of the Past.



Wheels of the Past, 2320 Agra Rd, Cushing, OK.



Visiting Wheels of the Past shop.



Rebuilt wood body for a Thomas automobile.



Rebuilt 1918 Chevrolet.



Lunch at Steer Inn, Cushing, OK following tour.





#### **April**

- 1 Melvin Burton
- 10 Suzy Lytle
- 13 Jeff Lytle
- 15 Chuck Mahan
- 20 Jack Lukert

#### May

- 6 Grant Aldrich
- 7 Richard Holmes
- 10 Walter Knickerbocker
- 22 Cherry Hardie
- 29 Beverly Craig
- 31 Clyde Harding



#### **April**

- 9 Mark and Karla Randel
- 12 Richard and Lina Holmes
- 28 David and Betty Turner
- 28 James and Amy Baker
- 30 Clyde and Debbie Harding

#### May

- 10 Derek and Penny Downey
- 22 Joe and Joyce Smith

## **Sunshine Report**

If you know of anyone we should include here, please let us know so we can share with the membership.





## 2023 Tulsa AACA Meeting Cookie Sign Up Sheet

February 2023	Debbie Harding	918-706-3536	Linda Beeson	918-455-2541
March 2023	Carolanne Mahan	918-492-0055	LaVon Ruedy	918-810-3956
April 2023	Jim Jones	918-798-1338	Amy W Baker	918-638-8229
May 2023	Tom McGahan	901-359-8002	Carolanne Mahan	918-492-0055
June 2023	Ted Gose	901-267-2572		
July 2023	Betty Turner	918-527-9561	Grant Aldrich	918-230-3991
August 2023	Lee DeBoer	918-857-3022	Clyde Harding	918-693-7450
September 2023	Cherry Hardie	918-809-8814		
October 2023	Vada Strattan	918-663-9484		
November 2023	Marjorie	918-272-2517		
	Knickerbocker		Penny Downey	918-438-8220
December 2023	Steve Schnitzer	918-855-4070	Bill Ruedy	918-407-5826

Revised 3/5/2023

Thank you to everyone who has signed up to bring cookies to our meetings. We still have open spots available, so please sign up at our next meeting. If you cannot bring cookies on your month, please contact our Cookie Chairman Debbie Harding at 918-706-3536. Expect a reminder call from Debbie before your month.





Joanna Cooper presented Bill and LaVon Ruedy with a Certificate and an Award from National AACA for Master Editor of Runningboard Ramblings for the Tulsa Region AACA for 2022.



### **National AACA News**

## Rummage Box - Winter 2023

#### **Think Before You Restore**

by Myron Smith, VP - Regions Development & Support, Western Division

"The car is only original once." This has become the mantra of those of us who have a strong attraction to 'original cars.' But what about older restorations or semi originals? Many a car has been subject to an overly enthusiastic owner who starts to do a total restoration and then lacks the where with all or finances to finish it. I suggest before you throw yourself into a full-blown project to sit down and do some serious pondering. What do you wish to accomplish? Are you really wanting to put the time and money into a full restoration? You can climb the ladder of trophy seeking. AACA has 4 advancing show rungs followed by maintenance awards in AACA and probably similar awards in the marque clubs. Do you want a car you can put the kids or grandkids in and run down to the local malt shop on Saturday nights, or a car to take to Cars and Coffee? Are you wanting a 'road car' that you can do tours and trips over long distances?

After being in the hobby most of my life, I've done the show route and have several 'trailer queens'. Once they are restored, gotten their trophies they do one thing for sure; they deteriorate. So, if you're committed to the show circuit, unless you sell which I seldom do, you're going to have a vehicle subject to the perils of time, just like when the car was new. Maybe not as fast but it hap-pens. My 1959 El Camino has been restored since 1975. It needed some work after being a daily driver in

Nebraska with salty winter roads and an encounter with another car that ran a stop sign. However, with today's technology and masterful body men, much of its originality could have been saved. But at the time I wanted the trophies. Do I regret the restoration? Yes, I guess I do, but we've had fun showing it and that is not to be discounted. I am the second-generation custodian of it being purchased new by my family and there is hope the 3rd and 4th generation will appreciate it too.

On the other hand, I have another 1959 which was not 'restored' although I collected new old stock pieces for it for years, then decided that with a little touch up it could still be an 'original' car. Personally, I like that much better. It's gone the HPOF route and still we are able to drive it occasionally.

So, this brings me back to my original thought, "what do you really want to accomplish with your car?" If it is having a vehicle that is a work of art, restore it, just realizing that you're probably never going to be completely done with it as shortly it'll need freshening. If your idea of fun is to get the thing out in public, realize it'll deteriorate also, but you can have fun playing with the thing. If you have enough originality to be able to keep it that way; it won't get scratches, it will just get additional patina. It's a big hobby, find your niche.







## One Hundred Years Ago

by Randy Beeson

On April 3<sup>rd</sup>, an ailing Lenin appointed Stalin General Secretary of the Russian Communist Party. On the 16<sup>th</sup>, Germany and Russia signed the Treaty of Rapallo, normalizing diplomatic relations with each side renouncing territorial and financial claims against the other.

It was another big month for new radio stations with WAAB, Baton Rouge, LA becoming the first station on the air with a 'W' call sign on April 4<sup>th</sup>. The following day, station KOB in Albuquerque, NM and WDZ in Decatur, IL went on the air. WOI in Ames, IA became the first licensed educational station on the air on the 28<sup>th</sup>. In other radio news, the first pictures had recently been transmitted via radio fax machine by the U.S. Naval Radio Station in Washington. This month, the Norwegian government announced establishment of the farthest north radio station on Jan Mayen Island in the North Atlantic to provide early storm warnings.

On April 7<sup>th</sup>, Interior Secretary Albert Fall leased the Teapot Dome naval petroleum reserve in Wyoming to Harry Sinclair, thus setting up the future Teapot Dome Scandal.

Trouble continued in Ireland with IRA rebels occupying the Four Courts government buildings in Dublin on the 14<sup>th</sup>.

In the sports world, Annie Oakley set a women's record by breaking 100 clay targets in a row on April 16<sup>th</sup>. Chicago pitcher Charlie Robertson threw a perfect game as the White Sox beat the Tigers 2-0.

This month's birthday list includes: historian William Manchester, born in Attleboro, MA on

April 1<sup>st</sup>; actress Doris Day (Kappelhoff), born in Cincinnati, OH on the 3<sup>rd</sup>; actress Gale Storm (Josephine Cottle), born in Bloomington, TX on the 5<sup>th</sup>; actor Michael Ansara, born in Lowell, MA on the 15; English novelist Kingsley Amis, born in London, England on the 16<sup>th</sup>; actress Barbara Hale (Perry Mason's Della Street), born in DeKalb, IL on the 17th; actor Jack Klugman, born in Philadelphia, PA on the 27<sup>th</sup>; Scottish novelist Alistair MacLean, born in Glasgow, Scotland on the 28<sup>th</sup>; and NFL coach George Allan, born in Nelson County, VA on the 29<sup>th</sup>.

The U.S. Army was assembling the world's largest bomber at Wright Field in Dayton, OH. The Barling Bomber was a triplane with a 120-foot wingspan and fitted with six 400 HP Liberty engines. The Bomber required an 8-man crew, carried six machine guns and 10,000 pounds of bombs.

A truck-mounted snowplow had recently been tested in Maine, clearing a 24-foot-wide road that was 10 miles in length, in three hours. The plow was adjustable from 10 to 24 feet in width.

The Navy's new light cruiser *Omaha* had recently completed her trials, achieving a speed of 30 miles/hour with only half her boilers in operation. The ship's most interesting feature was her heavy caliber guns mounted in sponsons on the port and starboard sides of her superstructure, rather than in forward and aft turrets. This was a design that dated back to the late 19<sup>th</sup> century.

A new type of tire split rim was now available featuring a rotary cam operated by a wrench socket. The device simplified tire changes.



## Unusual Old Automobiles 1951 Thrif-T

by David Turner

The Thrif-T was produced in the late 1940's and early 1950's by the Tri-Wheel Motor Company, first in Oxford North Carolina and later in Springfield Massachusetts according to the "Standard Catalog of American Cars". production figures have been found, but this car, when displayed, was claimed to be the sole survivor. I am certain I photographed it at Hershey, but the year has

now escaped my records. At first glance it sort of reminds me of the amusement park bumper cars!

The Thrift-T featured a two-cylinder Onan engine that was advertised to be removeable in thirty minutes or less. It can be seen in the photo to the right. Whether that was the engine from this vehicle, or another used as a display, I cannot remember any more. However, AACA does have a rule that any car displayed must be driven on the field







January 12, 2023

under its own power. Wish I could remember!

I suspect this vehicle, as well as a myriad of other small cars was targeted at the emerging market for second cars for the families after World War II.

This vehicle reminds me of the many Cushman scooters that the meter maids used to drive all over town handing out parking tickets!





# Automotive **Headlights Part III**

by Bill Ruedy, Editor

This month's article is a continuation of the history of automotive headlights. Last month the sealed beam headlight design was discussed. This technology standardized headlight design by law. The standardization helped reduce costs and make standard replacement parts. What happened when this standard was rescinded?

Many car designers believe that the United States sealed beam headlight standard prevented the evolution of automobile lighting systems. Sealed beam headlights consisted of tungsten filaments with (nitrogen-argon gas). The light output is a orange yellow (2800K European manufacturers color range). introduced tungsten-halogen light bulbs (H1)

in 1962. These bulbs were brighter and had a slightly less yellow tint (300K color range). Halogen sealed beam headlights were allowed by the United States Bulb starting in 1978. The first halogen headlight bulb was introduced in 1983.



Car manufacturers quickly moved away from the sealed beam headlight format. Individual "headlight modules" utilizing the new bulb sizes were created. The modules allowed car manufacturers to create much more pleasing and aerodynamic headlight modules for each specific car design. This allowed them to maximize the mpg rating for the vehicle and provide different visual designs per car model.

Unfortunately, the new module concept was not without faults. The new modules were made from plastic and polycarbonate materials that are affected by ultraviolet light from the early headlight module sun. Many polycarbonate clear lenses discolored over time greatly reducing the amount of light and the

effectiveness of the headlights. Taurus station wagon polycarbonate lens on the headlight modules were so bad (after about 6-7 years) that I thought the headlights were burned out. Headlight polishing kits were created to allow the headlight lens to be buffed, polished and coated to return them somewhat to the original clear color.

Another problem with the modules is that they needed to be water proof. Any small cracks would allow water entry when driving in the rain. This would shorten the headlight bulbs and force car owners to change the rather expensive headlight module. My Chevrolet Suburban developed leaks in all four light modules (two headlight modules and two lower running light modules. Luckily it was relatively easy to remove the modules and drain the water from the module through the headlight bulb mounting hole. experienced problems with headlight modules where the module reflector would darken, and the heat from the headlight bulb caused the headlight module to deform internally.

One aspect of separating the headlight module from the headlight bulb is that manufacturers were able to change the reflector design to fit the automobile aesthetics. Sealed beam headlights provided a fixed bright spot directly in front of the headlight lamp. Light to either side was limited. Automobile safety research provided information showing that night driving was much safer when drivers could see peripheral objects. Headlight modules and headlight lamps evolved to provide low beam patterns that illuminated objects peripherally. Low beam patterns limited the light vertically to prevent blinding oncoming drivers. At the same time, it was



discovered that brighter forward-facing hi beams were important for highway driving, but illumination of peripheral surroundings and street signs provided a better night time driving experience.

Lighting advances in 1992 created a Xenon High-intensity Discharge (HID) headlamp. HID lights are electric arc lights using an inert gas (Xenon) between two metal electrodes. The Xenon headlamps output a bright light with a distinct bluish tent (4100k-4400K). The bluish white light stood out easily at night when compared to previous yellow tinted headlights. HID lights last about twice as long as halogen bulbs. The downside to HID lights is that they can create much higher glare to approaching motorists, and via the rear-view mirror of vehicles ahead. They also require a few seconds of "start-up "to reach full intensity. HID headlamps are less prevalent in the United States due to the glare associated with them.

Headlight systems continued to evolve with the

advent of LED light modules. The first LED Low beam lights were factory installed in 2006 on Lexus LS600h/ LS 700h L vehicles. In 2009 the Cadillac Escalade Platinum



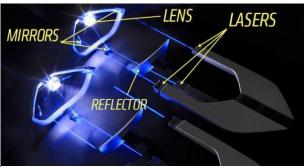
<u>h4 LED</u> <u>headlamp bulb</u>

was the first all <u>LED headlamp</u> for the North American market. LED lights are brighter than the halogen-based lights. LED lights do not have glare issues like HID lights and use less power. LED modules can be created with a

of LED matrix light sources. In 2013 the first digitally controlled full-LED glare-free "Matrix LED" adaptive headlamps were introduced by Audi on the A8. The A8 headlamp assembly has 25 individual segments. LED The headlamp assembly has computer controllers which direct the light output to

maximize the peripheral light output. When an oncoming vehicle is detected, the light modules can dim the light that would be directed at the oncoming vehicle while maintaining a strong light to the side and ahead of the vehicle.

The highest and most costly headlight lighting system utilizes a <u>laser light module</u> that is activated when the vehicle is traveling faster



BMW laser headlight module

than 45 mph. The 2014 BMW i8 was the first production vehicle to be equipped with the new laser system. BMW and AUDI produce models with this innovative technology. The laser light system supplements the LED headlight module and provides much higher light output. It can illuminate the road up to 1900 ft (600 meter) distance. The light output and operation may be restricted by regulations in the United States. The laser module contains up to three blue light lasers which with filters and lenses appears as white light. The BMW system is integrated with GPS to predict upcoming turns in the road. Laser light modules can add up to \$5000 to the cost of the vehicle.



LED lowbeam

 $LED\ high beam$ 

LED highbeam with Laser

Comparison of headlight technologies.



## **Share Your Story!**

Our club newsletter, **Runningboard Ramblings**, is only as good as you make it. We want to hear from you! We are always looking to feature articles from Tulsa Region members about your personal accounts of tours and shows you have attended, restoration projects, unique vehicle stories and history, and any other stories you think other AACA members would enjoy hearing about. And, of course, include plenty of photos to make your story come alive! Please send in your photos and stories to Bill Ruedy at: <a href="mailto:ruedy@valornet.com">ruedy@valornet.com</a>

#### **Car Show Windshield Cards**

By David Turner

As announced at the meeting a few months ago, I am willing to make laminated windshield cards for any member who wishes one for their car(s). All I ask is \$3.00 to cover the cost of materials and laminating. The lamination is 10 mils thick and quite rigid. As a result, they should be less likely to blow off the windshield in a heavy wind. They will all be 8.5" x 11" on white card stock. If you wish to order one, contact me or any of the club board members. An example shown below.



David Turner can be contacted by e-mail at drenrut61@gmail.com or phone 918-527-9560.

## **AACA Tulsa Region Magnetic Signs**

You, too, can look as cool as Phil by ordering your very own AACA Tulsa Region magnetic signs. The folks who see your car on display or on parade will know that you are a member of the best car club of all. Let's put our best foot forward for all our public events.



The cost is \$65.00 plus \$5.53 tax equals \$70.53. The supplier is A&B Identity and to keep it simple they would prefer that all the orders come through Keith Jones. Please contact Keith Jones with your order. Lead time is about two weeks.





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## AACA Runningboard Ramblings is published by the

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**IMPORTANT DEADLINE INFORMATION:** Deadline for submissions for the following month's publication is the 15th of the previous month.

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