



# Triangle Chapter News

## Triangle Chapter June News Summary

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- The Triangle Chapter does not have regular meetings during June, July, and August. Plan to attend our other events.
- See President Chet Butcher's update on Page 2.
- Make plans to attend the Triangle and Region events listed on the calendar on Page 3.
- The May meeting updates, actions, and events are on Page 4.
- The 2010 Mordecai "Blast from the Past" event featured two Take-A-Part T demos. See Page 5.
- Several Triangle members participated in the AACA Spring Nationals at New Bern. See story and a list of Triangle winners on Page 6.
- During the summer, Triangle members participate in many local car shows. See stories about two recent car shows on page 7.
- The San-Lee Chapter held their Annual Car Show on June 5. See the story on page 8
- See Riley Reiner's trophy story, Page 9.
- Tire Quiz answer and technical article on Page 11.



## June and July Activities

The last Triangle Chapter dinner meeting of the spring was held in May . During the summer months Triangle members are busy with family vacations, local car shows, trips to beach or mountains and some long distance Car Show activities. A few events you should plan to attend are:

- On June 19 the Brass Nickel Chapter has invited the Triangle Chapter to join them in an overnight tour in and around Little Washington. The tour will include a tour stop at the Coastal Plains Chapter car show in Little Washington. This promises to be a fun event. Contact Riley Reiner for details at 919-554-1158.
- On June 19 The Coastal Plains Chapter will hold their car show "On the Waterfront" in downtown Washington, NC. If you are not on the Brass Nickel tour you can consider attending the Coastal Plains tour.
- On July 18 The Triangle Chapter has been invited to John and Nancy Hartley's home for an Ice Cream Social. You are invited to bring your homemade ice cream or other desserts to share. See direction on page 3.

**Events Calendar**

- **Ice Cream Social July 18.**
- **Watermelon Feast. August 1.**
- **First Triangle Fall Meeting , September 16.**

## President's Message

By Chet Butcher, President Triangle Chapter

I made my annual sojourn to Newfound Lake up here in New Hampshire. The trip up was uneventful with just Oscar ( my miniature schnauzer ) and I making the drive, as Mary had flown up the week before. We were busy the first week getting the cottage opened up. We had to turn the water on, put the dock in, get the patio furniture set out on the deck and get the boat out of storage. While checking out the boat I noticed that the deck felt spongy in one spot. After peeling back the carpet I found a small section of plywood had rotted and needed to be cut out and replaced. After a forty mile round trip to the local building supply center to pick up the materials to make the necessary repairs, the boat is ship shape once again.

Caught up with my friend Dick Hallberg and checked out the projects that he has been working on over the winter months. He has completed the old International TD-35 crawler tractor that he bought last summer just before I returned home. It looks like new with its shiny red paint. He also took on a project for hire and that being restoring a 1953 Mack truck with a fifth wheel. Dick is only doing the chassis and drive train; the cab, hood and fenders are being done at a body shop. After completely disassembling every thing including the engine, transmission, and differential, replacing worn parts and bad seals, rebuilding the brakes, sandblasting and repainting all parts including the frame, it is back together. It still needs a new wiring harness and exhaust system, but that is easy compared with the work that is finished.

The other evening as I walked past the Inn which is just down the road from the cottage, I noticed a group of ten vintage MG's parked there. I thought to myself what a great way to tour. Not only traveling in the old cars, but staying in the old hotels with all of their charm.

I haven't taken in a car show yet, but heard through the grape vine that there were 70 cars on display at the local cruise-in last Friday night. Mary and I are planning to take in a show over to Vermont that is coming right up. Also we're going for an overnight trip to Maine to explore some neat places there as well as to eat some fresh lobsters.

Regards, Chet

## Officers

President ..... Chet Butcher (557-6385)  
 Vice President ..... Cecil Bozarth (932-3505)  
 Treasurer ..... Fred Harley (233-4889)  
 Ex-Officio ..... Dan Fuccella (349-5911)

## Board of Directors (Class of 2010)

Joe Daniel ..... (365-7123)  
 Dave Deyton ..... (552-4543)  
 Marilee Sanderson ..... (467-9999)

## Board of Directors (Class of 2011)

Ted Brooks ..... (851-0418)  
 Jack Johnson ..... (876-4129)  
 Bob Monkovich ..... (662-0911)

## 2010 Committees

Awards ..... Riley Reiner (554-1158)  
 Newsletter ..... Denny Oestreich (846-8163)  
 Region News  
     Correspondent..... Riley Reiner (554-1158)  
 Youth Coordinator ..... Open

## WEB Links

- National AACA:  
     [www.aaca.org](http://www.aaca.org)
- NC Region News online:  
     [www.ncregionaaca.com](http://www.ncregionaaca.com)
- Triangle Chapter News online:  
     [www.ncregionaaca.com/triangle](http://www.ncregionaaca.com/triangle)

## Web Browsing Tip

If you link to our Newsletter on the Web here is an easy method you can use to follow any links in the PDF format of the Newsletter. Any link in the newsletter will appear as a Web Link if you hold down the control key and move the mouse to point to a link. If you click on the link when it appears you will be taken directly to that Website. Try it with these Web sites.

1. The Triangle Chapter front page:  
<http://ncregionaaca.com/triangle/>
2. Triangle Newsletter page:  
[http://ncregionaaca.com/triangle/index.php?option=com\\_content&view=article&id=49&Itemid=72](http://ncregionaaca.com/triangle/index.php?option=com_content&view=article&id=49&Itemid=72)
3. YouTube Video of the Triangle Take-A-Part T:  
<http://www.youtube.com/watch?v=GyWan5u4Rwk>
4. Model T History  
<http://www.modelt.ca/background.html>

# Calendar of Triangle Events

June 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November 2010						
Sun	Mon	Tue	We	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

## Triangle Chapter 2010 Events

June No Dinner Meeting  
**July 18 Ice Cream Social at Hartley's 2 pm**  
 July No Dinner Meeting  
**August 1 Watermelon Feast at Daniels**  
 August No Dinner Meeting  
 Sept 16 Dinner Meeting  
 Golden Corral at 6 pm  
 Oct 2 Oak View Park Heritage Days Car Display  
**Take-A-Part T Demo**  
 Oct 21 Dinner Meeting  
 Golden Corral at 6 pm  
 Oct 23 WWII Reunion Group Car Display at the Russell's  
 Nov TBA Chick-Fil-A Car Display.  
**Take-A-Part T Demo**  
 Nov 18 Dinner Meeting  
 Golden Corral at 6 pm  
**Dec 2 Holiday Party St Michaels Church**

## NC Region Events

**Oct TBA NC Region Fall Meet. Tours**  
**Tours with the Brass Nickel Region**  
 Aug 21 John Cheek B'Day Tour  
 Sep 25 Appomattox Tour  
 Nov 6 Carthage Tour

## Brass Nickel Events

Jun 19 Little Washington Tour

## ACA National Events

**Take-A-Part T Demo**  
 Jun 30-Jul 3 75th ACA Anniversary Meet. Louisville, KY

## Triangle Chapter Meeting - September 16

The next Triangle Chapter Dinner meeting will be held at the Cary Golden Corral on September 16. Dinner will be at 6 pm and the meeting will be at 7 pm. The program is to be announced.

## Ice Cream Social—Sunday July 18, 2010

The 22nd Annual Ice Cream Social will be held at John and Nancy Hartley's home. Bring your homemade ice cream and other deserts. Bring your lawn chair. Drive your antique, classic or regular car. The ice cream is served indoors, so weather will not be a problem. Join in the fun.

Directions:

- From the outer beltline take the Jones Franklin Road exit.
- Turn left at the stop light onto Jones Franklin Road.
- Go to the first stop sign and turn right on Tryon Road.
- At the next traffic light turn left onto Holly Springs Road.
- Go to the fifth stop light and turn left on to Sunset Lake Road. (You will pass Cary Parkway, Penny Road, Ten-Ten Road, and Kildaire Farm Road)
- Go on Sunset 1-2 miles past the dam and lake on the right, past Carrington.
- Turn left into Crofts at Brackenridge, and go 1.5 miles

## Editor's Notes and Comments

### By Denny Oestreich

As you read this June newsletter it marks the start of my second year as Editor of the Triangle Newsletter. Thank you for your contributions over the past year. I look forward to your articles and pictures that keep our newsletter interesting.

Think about sending me a couple of paragraphs and some pictures of your favorite car show this summer. Think of it as your "What I did last summer" report, just like you wrote in 7th grade. For those of you who prefer guidelines, it should be 250 words with two pictures. The difference now is you may use your computer. A piece of cake.

Car shows are fun this time of year. Your cars looked good in all the recent car shows. I reconnected with many old friends at these shows. It is great to wipe down your car and then go for a walk to talk to other car owners and learn the stories of their cars. There are five car show stories in this issue.

Riley Reiner has submitted two stories in this issue. The first is about the busy season of Take-A-Part T demonstrations and second recalls the many members who participated in the NC Region trophy building. We had a record numbers of triangle members who participated in building the great trophies.

The Triangle Chapter has been awarded a 2009 Award of Merit for the Triangle Chapter Website. We have had over 4500 visitors to the site in the past year. If you have any recommendation about Web content please let me know.

## Triangle Meeting Notes, May 20

### By Dean Tryon

#### Action Items & Upcoming Events:

These items need your response or action if you are interested.

- Note details in the last newsletter for summer activities:
  - July 18 – Ice Cream Social at the Hartley's
  - August 1 – Watermelon Feast at the Daniel's.
  - Next regular dinner meeting will be Sept 16. Check back for location.
- Riley reviewed the Brass Nickel schedule for this year. Details of the next event are in our newsletter and Triangle members are invited to all BrNi activities. Just recognize that the tours are designed around per 1931 cars but any old car

you have can be used.

- June 19-20 – Overnight tour to Washington, NC area
  - August – Sanford tour
  - Sept – Overnight tour to Appomattox, VA (near Lynchburg)
  - Nov – Carthage tour to the steam tractor
- The annual Christmas party will be Dec 2 this year at the same location in Cary.
  - Next year's May show will be May 7, 2011 continuing our normal 1<sup>st</sup> Sat of May schedule.

#### Information only:

- Charlene Tice was introduced as a guest of Frank Held.
- Membership is 89 families and the treasury is at \$5500 per **Fred Harley**. IRS new regulations require us to submit form 990-N each year.
- Re our May 8 Region Car Show:
  - Joe Parsons** obtained 17 trophy sponsors bringing in \$2125. This is after losing 4 sponsors from last year and adding several new this year.
  - 86 cars were registered with 82 cars on the field
  - Preliminary financials show income of \$3430 with expenses of \$1068 so far.
- The New Bern Grand National show was another success with over 500 cars. The "T" crew has an excellent time of 6min – 59sec for the morning and was well on their way to a better time in the afternoon when a short circuit in the ignition caused a small fire and prevented them to crank and fire it up. No big deal and it will be fixed this summer. A video is available of the web site of the T assembly. At least 5 Triangle Chapter members received awards. Check the web site or our next n/l for more details. No further "T" demos planned this year until Oct. The chapter has purchased a handheld PA system that worked well for the T demo's.
- Mike Petersen** discussed the overall judging status. Although AACA has 60,000 members, only 1000 members have been willing to judge. They obviously need help but judging has benefits for all members in learning more about their cars, club and the hobby.
- Dan Fuccella** reviewed the new membership brochure developed by Tony Hantjis, Jack Agayoff and Dan.
- Mike Soehnlein** reviewed the new Senate bill #S820 and the fact that two of our members have been appointed to the review committee (Mike Soehnlein and Bob Safrit). This bill defines various

(Continued on page 10)

## Mordecai Take-A-Part T Demos By Denny Oestreich

The Triangle Chapter was again invited to participate in the Mordecai Historic Park "Blast From the Past" family day on Saturday, May 1, 2010. This was the first of three Take-A-Part T events scheduled by the Chapter in May. This event was an opportunity to



practice two assemblies before the NC Region Spring Meet and the National meet. The repairs made to the Take-A-Part T over the winter required a little more precision when aligning the drive shaft and added to the time. The new driving caps hats made the Team well dressed.



The Chapter was part of the annual Blast from the Past Day on the grounds of the Mordecai House in downtown Raleigh. The Parks and Recreation depart-

ment repeated the events from previous years. Other activities of the day at Mordecai included tours of the Mordecai buildings, a fashion show, and flea market sponsored by the historic society.



Four members displayed vehicles: John Hartley (1966 Dodge), Jack Anderson (1952 Ford Crestliner), Chet Butcher 1931 Model A, Dean Tryon 1930 Franklin, and Bob Monkovich with a 1963 Chrysler Imperial.



The Take-Apart-T was assembled twice at the Mordecai event. The assembly took a little longer than usual owing to the tighter fit of the drive shaft.

Sandra Reiner did the driving honors for both assemblies. She also demonstrated the new reverse capabilities. Participating in the assembly were Chet Butcher, Jack Agayoff, Jack Johnson, John Hartley, John Nagle, Marv Gage, Jim Aldrich, Mike Soehnlein, Bob Brink, Ken Powell, Don Akin and Sandra Reiner

## Grand National—New Bern

By Denny Oestreich

The AACA Grand National Car show was held at New Bern on May 13 to 15. This is a Nationally judged show that is open to AACA Senior award winning cars that have been at Senior for one year. In the Grand National competition you have the opportunity to go through the three Grand National judging levels of 1<sup>st</sup> Junior, Senior and Preservation levels.

The Grand National was a three day event starting on Thursday with registration. The 1<sup>st</sup> Capital Region hosted the Grand National meet, provided tours of historic New Bern sites, and organized other activities during the event. The Car Show and judging was held on Saturday.



There were 517 cars entered for very competitive judging. The cars were well displayed on the streets of the city. A Grand National Judge must have 30 judging points. There were 138 judges participating on the five person judging teams. Each team judged 15 to 20 cars. The judging was difficult because all the vehicles were senior winners. Judging took about three hours.

Five members of the Triangle Chapter entered their vehicles in the competition. They all had very good results.

Fred Harley - 1915 Buick

Repeat Preservation

Jim Aldrich – 1931 Chrysler Imperial

First Grand National

Brain White – 1923 Locomobile

Grand National Senior

Joe Parsons – 1958 Studebaker

Repeat Senior Grand National  
Mike Peterson – 1955 Dodge  
First Grand National

The Triangle Chapter was invited to demonstrate the Take-A-Part T at the New Bern event. There were two shows provided. The first show went well at 6:59. The second show took 6:11 minutes. However, there was a smoking



short in the ignition wire which prevented the engine from being started.



Members who participated on the team were, C h e t Butcher, Joe Parsons, Jack Agay-off, Floyd Barnes, Fred Harley, Jim Aldrich, Frank Held, M i k e Soehnlein, Ken Powell and Jack Johnson

The first Take-A-Part T demonstration was video taped and posted on YouTube by someone at the event. I have linked the video on our Website. The video is at: <http://www.youtube.com/watch?v=GyWan5u4Rwk>

## Buick and Chevy Club Shows

### By Denny Oestreich

Many Triangle members also belong to other Marquee Car clubs and support their activities. Each of these shows have a different format. There were two shows over the weekend on May 22-23 in which Triangle members participated.

#### Chevy Club Lake Wheeler Car Show May 22

The Piedmont Classic Chevy Club held their annual car show on Saturday May 22 at Lake Wheeler Park,. This car show is a fundraiser for six or seven



charities supported by the Chevy Club. The rainy weekend greatly affected the number of entrants. There were rain shower from 8 to 9:30 am. After the rain stopped there were 109 participants including 37 Club cars and 72 participants.



Activities included a 1950's group lip syncing and dancing to the 50s songs. The crowd enjoyed the pres-

entations. There were three vendors providing barbeque, pizza, and ice cream and a 50/50 drawing.



Each participant's vehicle was photographed for a plaque with their picture and a dash plaque. 13 Special Awards were presented to various "Best of " categories. The awards were presented at about 2 pm to get the participants away early. Triangle Chapter members who belong to Piedmont Classic Chevy Club are Floyd Barnes and Denny Oestreich.

#### Buick Club Croasdale Car Show May 23

The Buick club held a car show as a public event for the enjoyment of the residents of the Croasdale Retirement Village in Durham on Sunday May 23.



Pat Gaglione, a Triangle Chapter member, was the chairman and organizer of the car show. This is an open show which drew 29 vehicles. The purpose of this show is for the enjoyment of the Croasdale residents, their families, Croasdale employees and the public.

The Croasdale event avoided the many rain show-

ers on Sunday. The residents had an opportunity to view the car and select their favorite. Another activity of this event was a parade around the Croasdale grounds so that residents who were unable to come out to the parking lot could see the cars from their windows. Some of the residents rode along with the car show participants in the parade. The parade was a slow procession with lots of horn honking.



After the parade the participants were given certificates of appreciation by Pat. There was only one award given which was the "Resident's Choice." The residents selected the oldest car displayed, a 1940 Tudor Ford.



Several Triangle Chapter members are also member of the Buick Club. Members who also belong to the Buick Club are: Pat Gaglione, Dean Tryon, Bob Safrit. Thank you to Pat for organizing this car show for enjoyment of the residents.

## San-Lee Chapter Car Show By Denny Oestreich

The San-Lee Chapter held their annual car show in downtown Sanford at the Depot Park on June 5, 2010. There were 34 cars on display at the show including the San-Lee Chapter members cars. The show was held in downtown Sanford near the Depot park. There were a wide variety of cars and trucks displayed.



Triangle members who participated were Riley and Sandra Reiner 1915 Model T. Fred Harley 1911 Buick, and Denny Oestreich 1957b Chevy. The vehicles were on display in the morning and judging was held in the afternoon. NC Region participants were Randy Stone, President, and Eric Marsh, VP.

During the morning we had time to visit with the San-Lee members including Roger and Paige Lyons, Mary Marshburn, and Larry Wright.

Since this was not an AACA awards show there were a number of Modified vehicles shown and judge in special classes.



Awards were given out at 3 pm. Each Triangle vehicle was awarded a first place trophy. Additionally



each Triangle Chapter member won at leased one door



prize. Special awards were presented for longest distance 110 miles, oldest driver 81 and youngest driver, a surprising 50 years old. The people's choice was a recently restored 1930 Model A Pick-up.



## NC Region Trophies

By Riley Riener

The last two trophies were delivered last week and Joe Parsons and Marv Gage have delivered the sponsor trophies which closes another successful trophy project. As awards chairman, I want to thank everyone who participated in the project. The attached list of workers made the effort a club hit at the Region Meet. A special thanks goes to Mike Soehnlein who kept the project on track and organized initial parts production at the chili cook-off. To

Don Akins, thanks for our first cad designed trophy with detailed drawings for every piece. To Bernie Bogdon, thanks for building the prototype trophy from the drawing, critiquing the production problems and offering excellent suggestions.

It is not too early to be thinking about a design for next year or how you could help if you do not find your name on the list this year. One thing that I have observed over the last six years is the fellowship developed when the final assembly begins. We seem to develop a special bond and get to know one another during the work sessions. We have had the ladies join us at the Chili Cook-off which was a great activity for everyone. If we could get started earlier this coming year, we might be able to do some assembly work earlier. What I am trying to say is that membership participation is critical in keeping the club healthy and



growing. If the same people are called upon every year, they get burned out. A club, like any other organization, cannot have more than a small number of passive participants to survive. The attached list is refreshing but could easily be expanded to include everyone. Thanks again for your support!

### Trophy Team

Bob Safrin	Fred Harley	Frank Held
Floyd Barnes	Dean Tryon	Dan Fuccella
Ken Powell	Jack Agayoff	John Hartley
Marv Gage	Mike Peterson	Cecil Bozarth
Bob Brink	Bob Miller	Joe Daniel
Don Akin	Coyte Lanier	Pat Allen
Bernie Bogdon	Jack Johnson	Ron Petty
Jim Aldrich	Sandra Reiner	Lynda Miller
Sue Harley	Becky Aldrich	Danny Moon
Judy Moon	Bob Monkovich	Sharyl Monkovich
Jean Soehnlein	Marilee Sanderson	

## Take-A-Part T, Many Miles in May By Riley Reiner

For a car that cannot be driven on the roads, our Take-a-Part T performed six shows in May and pleased a lot of folks. Of course, the dedicated and highly skilled (?) assembly teams were inspired by the addition of Gatsby style white caps with Ford Model T logo.

The blue club shirts and the white hats are really a



standout. Sandra Reiner was the driver for Mordecai and entertained our grandson who wanted to ride with Grandma. Mordecai was the first time out since the major repairs were finished which presented some new assembly challenges. The rear axle and the drive-shaft at the transmission are so tight now that the first two demonstrations were slower than usual. We had painted the new exhaust manifold with special paint but failed to tell Sandra to ignore the smoke. The problem solved itself for the second show.

The shows at the Region Meet improved assembly times with the refinement of the transmission hook-up. Fred Harley was back behind the wheel. The crowds were pleased with the show and as usual, the afternoon time beat the morning time.

The Grand National at New Bern had us at the intersection of Pollock and Middle Streets in the center of the historic district. Denny Oestreich has put a link on the Triangle website to a U tube video clip of the 12:00 noon show. I suggest you check out the action.

The morning show was very warm; no, make that very hot! Everything went well and we had a huge crowd. The 2:00 show was a series of missed cues and trying to hurry too much. The final problem occurred when the ignition was plugged into the battery

and the wire caught fire. Quick thinking Chet Butcher pulled the wire off. Needless to say, the car did not start and we had to apologize to the crowd. This was only the second time in eight and a half years the T has not run. We still got a big hand from the crowd. The problem has been traced to broken insulation and the hot wire coming into contact with the steel, now get this, firewall. The coil box, switch, wiring harness and battery box will be restored and ready for the fall shows. The Grand National Committee was very appreciative of Triangle Chapter helping with the meet. The old T earned her keep this spring.

**Mordecai Team:** Chet Butcher, Jack Agayoff, Jack Johnson, John Hartley, John Nagle, Marv Gage, Jim Aldrich, Mike Soehnlein, Bob Brink, Ken Powell, Don Akin and Sandra Reiner

**NC Region Team:** Chet Butcher, Dan Fuccella, Joe Parsons, Jack Agayoff, Jack Johnson, Warren Daniels, Dean Tryon, Pat Allen, Floyd Barnes, John Nagle, Fred Harley, Marv Gage, Jim Aldrich, Gary Hunter, Mike Soehnlein, Bob Brink, Ken Powell, Don Akin and John Colombo.

**New Bern Grand National Team:** Chet Butcher, Joe Parsons, Jack Agayoff, Floyd Barnes, Fred Harley, Jim Aldrich, Frank Held, Mike Soehnlein, Ken Powell and Jack Johnson

## Triangle Meeting Notes Cont'd

types of cars as replica, street rod, custom built as distinguished from all original or authentic antique cars. If someone disagrees with the designation assigned by the DMV, they can appeal to this review committee.

8. The Golden Corral on Glenwood (our normal meeting location) has been demolished and is being rebuilt as the latest "Golden Coral Pavilion" with more space and more stations. They hope to reopen in August. Marilee Sanderson is following and will advise when we can go back to this location.
9. **Chet** has received an ad for a 195 Plymouth Cranbrook 2 dr sedan for sale. 423-322-0911, ron-jobe@comcast.net in TN.

**Bob Monkovich** did an interesting presentation with two 1960's vintage movies showing the effects of alcohol on NASCAR drivers at Charlotte Motor Speedway and a demonstration of fire dept techniques to extract accident victims in Arizona. Thank you Bob.

## Quiz and Technical Article

In the May newsletter I asked the question about the tire size for a 1940 Ford. Mike Soehnlein prepared a detailed response that makes a good technical article. Here is his reply.

### May Quiz

*In 1940 Carl's father purchased a 1940 Ford Victoria. It came with wide whitewall tires size 650 X15. Carl now owns the car. Over the years the tires have been replaced 5 times with various sizes of tires that looked similar. This year in his spring tune up Carl noticed the tires were weather checked. Reproduction tires were expensive at \$159 each. While shopping at Walmart he noticed some radial black-walls tires with great tread design that would work if he could get the right size. They were priced at \$49 each. Carl would like tires that are similar circumference of the original 6.00X16 tires and very close to the same width. Which size new tire sizes should he choose?*

Mike writes: "More than you ever wanted to know about tires . . ."

A 6.50 width tire equates to 165.1mm or a 165 size radial tire. The diameter on metric tires remains in inches, so the correct rim diameter remains 16 inches. The profile of tires (the part after the slash mark) defines the "width to height ratio". For example a 165/60R16 would be 165mm wide, 60% or 99mm 'high' between the rim and the ground, and have a 16" center rim diameter.

Tires do not get the mm width/profile designation unless they are lower profile than the "standard". Profile standards vary by manufacturer from mm width/82 to mm width/78. A 165/80R16 would be 132mm profile height between rim & ground. This small variation is not significant. Usually the first 'low profile' with designator is mm width/75. The profile of an original 6.50X16" tire from the 40's would be rather tall & skinny so he should purchase a 'standard' 165R16.

If he wants to consider an oversize tire, a rough rule of thumb is /5 profile for every 10/width. This will give a wider tire, but the lower profile will keep the same rolling circumference so the gearing remains unchanged and thus performance, mileage and speedometer error remain about the same. For example, if our theoretical car calls for a 165R16, he could probably safely change to a 175/75R16 or a

185/70R16. That rule of thumb is only good for about two tires sizes. Obviously, the larger tire creates a potential for clearance consideration.

Tires come from the factory for a specific rim width. A 165 would typically call for a 5 or 5.5" rim. Permissible changes are usually -.5" to +1.0". Failure to match rim width to tire manufacturer recommended width can cause tire bead failure. There is a 3rd rim designator to watch out for. Most use what is called the J bead. Thus a rim would be 5.5JX16. There are some specialty tires, such as Michelin's TWX series that cannot be used on a J rim and vice-versa. The specs (required from manufacturer) for a proposed tire has to include the preferred rim width and range it may deviate. Demand to see it.

If he is trying to replicate the 6.00X16 stated in the 2nd half of the problem, it would be a 152.4. Since metric tires are not available in other than even 5 widths, he would use a 155R16.

Regardless of size chosen, there are two other tire 'designators' he must examine. One is weight. The Ford curb weighed in at a little under 4,900 lb. Add passengers, fuel & liquids, and cargo, he needs a tire safe to about 5,750 lb. Add 15% for safety margin and this would require a minimum load rating of 98 (1653 lb. each). The other designator is speed. I don't really picture the '40 Ford at 100 mph so a speed rating of R (106 mph) should be more than adequate. Alternately, P=93mph; Q=99 mph. So following the size of 6.50R16 or 6.00R16 should be a designator such as 99R.

Thank you Mike.

### June Quiz

Correct the year:

- |                                                     |      |
|-----------------------------------------------------|------|
| 1. The first storage battery in an automobile.      | 1900 |
| 2. The first automobile named Buick.                | 1904 |
| 3. First vehicle with standard directional signals. | 1906 |
| 4. The first Chevrolet truck.                       | 1918 |
| 5. Electric Door locks option.                      | 1919 |
| 6. First Chevrolet Suburban.                        | 1920 |
| 7. Electric trunk release.                          | 1924 |
| 8. The first dual beam headlamps.                   | 1935 |
| 9. The first instrumentation backlighting.          | 1935 |
| 10. The first automotive Class.                     | 1939 |
| 11. Wide Track Pontiac introduced.                  | 1956 |
| 12. Rear Seat Belts became standard.                | 1958 |
| 13. AACA formed.                                    | 1959 |
| 14. First amber front turn signals.                 | 1962 |
| 15. Plymouth introduced                             | 1965 |

**AACA TRIANGLE CHAPTER**

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