



THE GASLINE

Brandywine Motorsport Club, Inc.

www.brandywinemotorsportclub.org

June 2017

BMC Club Meeting

Six Paupers Tavern & Restaurant, 7465 Lancaster Pike, Hockessin, DE 19707

Tuesday, June 6th – Greet & Eat @ 6:00, Meeting @ 7:00 P.M.

BMC Autocross and Drift Event

AutoX II – Saturday, July 8th, Dover Speedway – See flyer

Chair Chatter – Paul Alderman



Posi-rears and Anti-roll bars. I have had nice feedback about the various (mis)adventures I have been writing about for the last few newsletters. So here we go again.

Those of you that have been coming to the autocrosses have been watching me wear out the tires on my '66 Mustang, and may be wondering what happened to the Caterham Super 7 that we had been driving. Well, the wait is over, I should be back contending for FTD for the July events. I last drove the S7 for Autocross 4 in 2016 and I was very disappointed in the performance. The problem it seems was two-fold. The chassis is the original size with a smaller 1.6 Sigma (new Fiesta) engine, and we also ordered the posi-rear for the car.

The last 7 we ran was the larger 2.0 Duratec engine and it did not have a posi-rear and the challenge to driving this car was to open the throttle just shy of spinning the inside tire. David and Nuri both FTD and Pax winners both drove the car and while it is easy to drive, both remarked how it was hard to not spin the inside tire. We had all talked about welding the rear or putting the posi in the car.

The new car was ordered with the posi-rear and it had to be better. Right? Not exactly. The car did not have the same anti-roll bar sizes, in fact, it had no rear bar. Now when you opened the throttle and the rear tires both drove equally the car wants to go straight.

This works fine in the straight portions, but totally ruins the corners. One set of gates was a 180 degree fast corner and by the end of the turn the car was 2 to 3 car widths off the inside cones and out of position for the next gates. The posi induced push also helped me run over a gate in the slalom section damaging the nose cone in the process. I don't remember who commented about how fun it was watching me drive, but I tried to be gracious. I was really frustrated how I could not overcome the poor mechanical grip. I finished in the top 15 times but here is a car with the posi-rear we finally wanted and the stupid thing will not drive like I know it should. We should be contending for FTD not 1.4 seconds off on a 27 second course.

Fast forward a few months and with some round bar, aluminum, rod ends and some machining time, it looks like we have a hand formed ½" rear anti roll bar for the car. Initial testing shows that the car will do a proper donut, I just need to keep from stalling the car. (That's another story) So there will be more to report after the next Autocross. Come on out and join us and you can see how it goes. It may be great or we may be adjusting it each session, but I should be able to drive the car more consistently. I'll probably need tires next. See you at the meeting.

Keep the shiny side up,

Paul

Club Meeting Report

The 2nd of May, 2017 meeting was held at 6 Paupers. The turnout was 30 members and guests; the Executive Committee had a quorum. The meeting was called to order by Club Chair, Paul Alderman at 7:10 PM.

Membership Report (Anita Steward) - We recognized several new members who have attended our monthly meeting. During the April we had 10 renewals. The Board agreed to accept membership payments through www.motorsportreg.com.

Financial Report (Richard Wortmann) – Our total current assets are \$10,623. Our 1st AutoX/Drift Event of the year was a positive cash flow event by several hundred dollars. This does not cover a cost item (fence restoration) which will be recovered in our next event.

Rally Report (George Alderman) – Dave Mitchell, the Rallymaster of our upcoming Mayday! Tour Rally on May 20th talked about the Tour that he laid out and that it would end at the Skipjack Restaurant in Newark, DE.

AutoX Report (Duke Wilford) – Our 2nd AutoX/Drifting Event is set for May 13th at Dover. Our 1st AutoX/Drift event had 79 cars for Auto Crossing and 22 cars for Drifting. Due to the changes in our schedule we feel the turnout would have been better. We are in the process of finalizing our schedule for the remainder of the year. Once we do that we have to get the word out for all of our events.

Drift Rally (Matt Burris) – For our 2nd event ever, we had a Great Time. We need to improve the signage for the events. Some people had trouble finding the entrance and we had a traffic jam at the insurance waiver table at the entrance.

Property Report (Dave Mitchell) - Nothing to report.

Editor (Jim Irons) – Remind everyone that all articles for the next newsletter need to be forwarded to Jim no later than the last Tuesday of each month.

Our next meeting will be held on June 6th at 6 Paupers. Since our July meeting is scheduled for July 4th the Board agreed to cancel the July meeting.

The meeting was adjourned at 8:35 PM.

Jim Martin

BMC Online

- **BMC Website:** www.brandywinemotorsportclub.org
 - **BMC Facebook Page:** Brandywine Motorsport Club
 - **BMC YouTube Page:** Brandywine Motorsport Club (autocross videos submitted by members and friends)
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Autocross – Duke Wilford



Well, instead of writing two autocross reports for this Gasline, I am still just writing one. Our season opener went off as planned on 29 April, but Autocross II (originally scheduled for May) was postponed due to a very poor weather forecast. The drift guys might have made the most of rainy conditions, but it would have been a miserable wet day for autocross.

April's Autocross I was well attended with 79 cars in 21 classes, and weather was good. The course was somewhat short due to our location on the middle lot, with times ranging Noel Leslie's smoking fast 23.795 in his STR Honda S2000 CR, up to the lower 30s for the slower stock and classic cars. Most times fell in the upper half of the 20s, with only the top 4 drivers dipping below 25 seconds. Many thanks to George Alderman for delivering the trailer on Friday, and to course designers David Hughes and Alex Meramo for doing their best with the challenging paving surface. The Speedway has promised to have both lots swept for us before the next event, which should improve driving conditions a bit. Repaving is on the Speedway's long term to-do list, but not in the near future.

Working with the Speedway, we have added a replacement date for the May event, and settled on an October date for our season finale. As noted in earlier columns, we will be alternating lots with the drift program, with the exception of our season finale. **The final autocross schedule at Dover Speedway follows:**

- 08 July – Autocross / Drift II (AutoX front lot)
- 22 July – Autocross / Drift III (AutoX mid lot)
- 12 August – Autocross / Drift IV (AutoX front lot)
- 09 September – Autocross / Drift V (AutoX mid lot)
- 14 October – Autocross VI / Lofland Memorial Cup (AutoX only on both lots)

If you preregistered for the May event, **your preregistration is still valid for 08 July**, and no further action is required on your part. If you cannot attend the makeup date, please contact me and we will make arrangements with you.

Preregistration for most events is open at www.motorsportreg.com for both autocross and drift. We are now taking payments online at time of preregistration, but advance cancellations can be credited toward a future event if you cancel prior to close of preregistration. We still accept walkup registrations for Autocross on the day of the event, with an additional \$5 late registration fee.

As always, if you have any questions, comments, or large areas of open paving, please feel free to contact me at BMCautox@gmail.com. You can also post on our Facebook group page or the Club's website. Thanks!

-Duke "Rainy Season" Wilford - Autocross Chair

Rally Report – George Alderman



Dave Mitchell and Jim Martin, with help from Wayne Elvin, put on a great rally on May 20th with some new roads and the same covered bridge, and included a short break to sample some home baked cookies and other goodies.

We ended at the Skipjack Restaurant which had some nice appetizers courtesy of rallymaster Dave Mitchell, and good food from the menu before the trophies were awarded.

There are no rallies in June, but Willis and Martha Weldin are working on one for July 15th, so save the date.

George

Property - Dave Mitchell

The membership keeps on making the most of the Club's equipment trailer with creative and efficient loading and unloading solutions. The replacement and upgrades to our equipment has required periodic reshuffling of the footprint.

BMC events are managed and executed with a high degree of attention to accuracy and efficiency which really keeps the participants satisfied with fees that are charged. In other words they get the proverbial "BANG FOR THEIR BUCK!"

*Thanks to All,
Dave M.*

Mayday Rally Report

Dave Mitchell and Jim Martin served as Rallymasters for this 60 mile drive on a pleasant, but windy & cool Saturday. We had 14 cars cross the starting line. With no timing, T-S-D or otherwise, only mileages were given throughout the course to assist in route execution.

To keep things interesting, there were Questions to be answered along the route where interesting signs, objects or landmarks were encountered. An easy to follow route, and easy to find Answers added up to a very competitive finish. The Finish at SkipJack Restaurant was well received. Thanks to all 14 entries, which helped make this event a success.

While Dave and Jim Martin served as Rallymasters, I attempted to measure the course by GPS App. The mileages were consistent overall, but each varied some day to day, which is the very nature of how GPS course mileage measurement is subject to some error and variance due to method of capture and tolerances in GPS.

*Wayne Elvin,
Semi-Official BMC Rally Consultant*





AUTOCROSS II

SATURDAY, July 8th, 2017

Dover Speedway South Parking Area

Leipsic Road, Dover Delaware



From Route 13, turn east onto Leipsic Road (Rt 88) just south of the Speedway. Follow Leipsic Rd. approximately 1 mile to Finish Line Rd. Turn left onto the Speedway property near the Monster Mile statue and follow on-site directions to the paddock.



Setup 8:00 AM
Registration 9:00 to 10:00 AM
Entry Fee: \$45
(BMC Club Members: \$40)



NOTE: We Can Now Accept All Major Credit and Debit Cards

Trophies awarded by Class

- **NO OPEN EXHAUST – Effective muffler required.**
- Approved helmet, seatbelts, and valid drivers license required.
- Loaner helmets will be available.
- Vehicles must pass safety and technical inspection.
- *All contestants, workers, and guests must sign a release and waiver of liability.*

Minimum age of 18 years for Drivers.

Parent/guardian signatures required for those in attendance under 18.

- **All cars are welcome to compete.** Common Autocross Rules and Classifications will generally be followed. We reserve the right to modify/interpret these rules to suit the spirit of the competition.
- **Classic Street Car Class for generally stock pre-1978 cars.**

Online preregistration is strongly encouraged.

Walkup registrations on the day of the event are subject to a \$5 late registration fee.

Preregister online and reserve your car number at:

www.motorsportreg.com

Look at MSR's online calendar or search their site for "BMC" to find our events.

If you have comments or questions, please contact:

Duke Wilford at BMCAutox@gmail.com or 302-528-0612