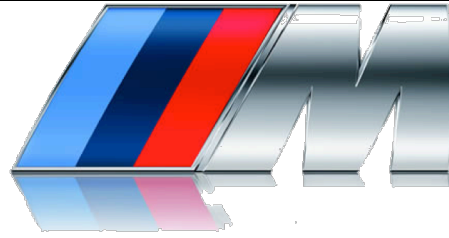


## Roadrunner Chapter Newsletter - May/June 2017 Edition

See **BELOW** for our recent road trips!

### A Note From the Chapter Vice President



## **UPGRADING BRAKE PADS**

Have you ever wondered what it would be like to upgrade your brake pads? Well, let me be your guinea pig!

I put this on my agenda of upgrades soon after I did a number of hot laps around Laguna Seca in the passenger seat of an instructor's E90 M3. He had just changed his stock brake pads to a set of Hawk Race Pads.

Even as a complete track noob, I could tell a huge difference in the brakes performance! As I began to get more track experience, and worked on the many different skills that it takes to getting quicker and consistent, I also realized that track braking was one of the skills that is very foreign to our day to day driving experience.

Therefore, after a few years of track days that I found myself, once again, at Laguna Seca ready to work on track braking. That day, I had an instructor who had a plan to improve my braking consistency and performance. This was the day that opened my eyes to the limitations of stock brake pads when used on the track.

So, what am I writing about when this is supposed to be a Technical Article? Well, technically, this *is* the Technical Article but, please, bear with me as I get through the science stuff.

Brakes are a device that turns speed into heat. If you remember your physics from school (don't worry, I barely do!) one of the laws of the universe is that energy must be conserved. Therefore, when you have the energy of the car moving with speed, you must take that speed and convert it to something else; in this case, heat at the brakes. Your pads use friction to make that conversion. The desired properties of the pads are many. They should be quiet, durable, consistent, have bite, have "feel", and absolutely be heat resistant. Getting this right is a balancing act, and like all performance items, it depends on the application. For our day to day driving, stock pads should be quiet, durable, and not create huge amounts of

dreaded brake dust. For the Race Track, however, the primary goals are high friction and fade resistance.

Let's discuss Fade Resistance, since this is one characteristic of track pads that is of utmost importance. When on a track and having repeated cycles of high speed braking, the pads will heat to very high temperatures. Depending on the type of compounds used in the pads construction, the pad can then start to lose its braking performance and thus fade as more and more pressure is needed to apply the same amount of friction to stop the car.

This is what happens to street pads on a long track session that makes them brake inconsistently, and can become a safety hazard. Track pad compounds are made to work better at higher temperatures, and therefore resist fade. This however comes at a cost as you might imagine. When this type of pad is cold or cool its performance suffers, and it needs heat to provide good friction. They also tend to be noisy, as you might have noticed, when a race car applies its brakes. You can see that you want the right compromise of all of the above factors, as no brake pads can do everything perfectly!

My research into this subject led me to pads made by Cool Carbon. If there is a "Goldilocks Brake Pad" this may be it!! It is known for low dust, quiet performance, good fade resistant, good performance when cold and hot, and consistent linear brake feel. Sounds good in theory right? I will have these installed soon, and will have an opportunity to see how they perform in both daily driving and weekend excursions while looking forward to next falls track season. Look for my impressions of these sweet brakes in Part 2 of this article in the next newsletter!

**Chris Finlay | Vice President**

### ***Newsletter Editor's Corner...***



We are having *so much fun* planning and executing all our Track, Driving and Social Events - by the looks of our attendance sheets at these events we would say you are, too!! The ***Devil's Highway Run*** continues to be an amazing marquee event hosted by Steve Harris & helpful volunteers - we had a large turnout, perfect weather, a fun start from the Tal Wi Wi Lodge on HWY 180 - a brief stop at HWY 78 junction for pictures of the girls (ok, BMW's but to me they are "the girls" :)) - before heading into Morenci, AZ for a delicious lunch at [Michelle's Restaurant](#) (they did an amazing job, BIG shout out!) then onto tasty twisties AKA HWY 191 which our cars *drank in* on the road back to lush Alpine, AZ. All in all a good time to be had by all! Look for pictures on our Facebook & website. We love what we do, we would love to meet you & your family, we love to talk about cars and just enjoy getting together with other like-minded Bimmer & MINI lovers. We welcome everyone. Stay tuned, stay engaged and reach out to any of us anytime!

Barbara Micheletti

Editor & Breakfast Coordinator

## Chapter Officers and Appointed Staff



Adam Tharp - President: [president@roadrunnerbmw.org](mailto:president@roadrunnerbmw.org)



Chris Finlay - VP: [vicepresident@roadrunnerbmw.org](mailto:vicepresident@roadrunnerbmw.org) Phone: 480.338.9089



Treasurer - Paul Koreneff: [treasurer@roadrunnerbmw.org](mailto:treasurer@roadrunnerbmw.org)

Secretary - Available

Member Chair Joe Dawson: [membership@roadrunnerbmw.org](mailto:membership@roadrunnerbmw.org) Phone: 480.721.4412

Newsletter Editor - Barbara Micheletti: [editor@roadrunnerbmw.org](mailto:editor@roadrunnerbmw.org)

Monthly Breakfast - Barbara Micheletti: [barb@roadrunnerbmw.org](mailto:barb@roadrunnerbmw.org)

Social Media - Ed Burchenal: [ed@roadrunnerbmw.org](mailto:ed@roadrunnerbmw.org)

Driver's Ed - Roger Ayers: [roger@roadrunnerbmw.org](mailto:roger@roadrunnerbmw.org)

Annual Dinner - Tish Finlay: [tish@roadrunnerbmw.org](mailto:tish@roadrunnerbmw.org)

Member-at-Large - Steve Harris: [steve@roadrunnerbmw.org](mailto:steve@roadrunnerbmw.org)

Activities Director - Available

WebMaster - Available

Pacific Region V.P. - Jeff Cowan: [PacificRVP@bmwcca.org](mailto:PacificRVP@bmwcca.org)

## UPCOMING EVENTS-Stay Tuned!

### [Griot's Garage Detailing Session](#)

June 23 @ 6:00 pm - 9:00 pm MST

### [Bimmers & Breakfast](#)

Saturday, July 15th, 2017

### [Mount Lemmon Fun Run](#)

Saturday, July 22nd, 2017

## New Members - Transfers - Anniversaries

**We would like to welcome the following New Members who joined the club in April and May:**

Don Enemark, John Gast, Hari Khalsa, Michael Lang, Michael LeBlanc, Joseph Ortiz, Andy Rodriguez, David Rolf II, Jeffrey D Tang, Natasha Monique Wade, and Michelle M West. Jenny Cometta, Jon-Paul Devore, Ryan Gregory, John Herbold, Nick Meyer, David Alan Sands, and Joseph A Stout.

**We would like to welcome the following Members who have Transferred from other chapters in April and May:**

Daniel Fowler. David Alan Bosteter, Rob Brinkman, Kurt DePalma, Brenda Kay Galindez, Peter Galindez, James Garvey, Caroline Price, Matthew Schellenberg, Vittal Shenoy, and Randall Stockton.

**We would also like to acknowledge the following Membership Anniversaries in April and May:**

**40 years:** George B. Good.

**35 years:** Gillen Clements and William Kohler.

**30 years:** David F. Gronsky and Sharron Luther.

**20 years:** Lisa Joury and Marwan Joury.

**15 years:** Lori Ann Harnish, David Moody, William Muehleisen, Shane O'Sullivan, and Eldon M. Sterling. Roland Hahn.

**10 years:** Robert Krautheim, Robert D. Martin, and Judy Powell.

**5 years:** Gabriel R Colceriu, Ian Sterling Ferguson, Bruce Flack, Andrew Lee Herring, and Adam Forrest Ruggle. John Polizzi and Caroline Price.

**1 year:** Shair Ahmed, Brandy Anderson, Jacob M Hancock, John Price, Stewart Proctor, Travis Gregory Schultz. Aaron Becker, Terry Becker, Michelle Diaz, Alan Doubleday, Tom Frazier, Phil Allen Jamison, Philipp Maas, Greg Moody, Robert Oglesby, Steve Yates, and Brian Yee

Check out our recent pictures on our Facebook Page [HERE](#) and stay tuned as we are constantly updating our content! If you have any suggestions or comments or if you're wanting to **volunteer** then we really want to hear from you! Email me [HERE](#)

## CALLING INFORMATION TECHNOLOGY PROFESSIONALS!



### HELP WANTED!

Do you speak fluent PHP? Are you passionate about BMW's and want to share your coding passion and skills? If so, then please read on! We are looking for a qualified individual to fill our Webmaster role and would love to meet you! Click on the link below and be part of a fun team!

Questions? Reach out to [Chris Finlay](#) for answers!

# In Case You Missed It - April, May & June Recap



**Pima Air & Space Museum**

**Pima Air & Space Museum** - Joining forces with the Tucson Chapter at the largest private air museum in the world, we had a great day!

**Highlights:** SR71-Blackbird, B-17 Flying Fortress, Boeing 777 Dreamliner test version. A number of displays are air conditioned! Afterwards, we all met for lunch. Some of us even had the energy to blast back up SR79 to Phoenix!



**Copper Canyon Run**

The **Copper Canyon Run** is a great run, just east of the Valley, with plenty of fast sweepers and apexes. Chris Finlay led the charge through Winkelman and out to Globe, where everyone stopped for lunch before heading back.



**Devil's Highway Run**

The **Devil's Highway** run to Alpine had something for everyone. Cool weather, great roads, breathtaking scenery & camaraderie of fellow Roadrunners. Steve Harris led us through gorgeous desert straights and exciting Alpine twisties! Not for the faint of heart, the Coronado Trail is a hidden gem where we even got up close & personal with wild life. Shout out to Tal Wi Wi Lodge for being a gracious host & holding a bonfire well into the night.



**Flagstaff Fun Run & BBQ**

**FLAGSTAFF** - When it gets warm in the Valley, it's time to head up north! We had a quick blast on our favorite road landing at Peaks View County Park. A beautiful venue with luscious alpine glade-snow covered San Francisco Peaks in the backdrop. Despite a little wind, it was a perfect day in the 70's. Thanks to all for bringing your favorite, yummy dish!



**Roadrunner Chapter, BMW Car Club of America, Inc.** is a nonprofit Arizona corporation; it is a chapter of the BMW Car Club of America (BMW CCA), and is not connected with Bayerische Motoren Werke AG or BMW of North America, Inc. This newsletter is a publication of the Roadrunner Chapter. It is provided by and for the Chapter membership only. The Chapter assumes no liability for any of the information, opinions or suggestions contained herein.

No factory approval is implied unless specifically stated. Modifications to your vehicle within the warranty period may void the warranty, and some modifications may violate federal or state laws or regulations.

Contents of this newsletter may not be reproduced without permission in writing except by the BMW CCA and its Chapters.

The BMW Car Club of America, Inc. is a not-for-profit national association of over 70,000 members, dedicated to the enjoyment of driving BMWs. Membership is not limited to BMW owners and aims to provide access to driving and social events, maintenance and technical information, parts discounts, and more.

**For a new membership or to renew an existing one**, please visit the BMW CCA website at [www.bmwcca.org](http://www.bmwcca.org) or call the national office toll free at 800.878.9292. Credit cards are accepted.

**Membership updates:** Member address and contact information corrections and updates are only accepted at the BMW CCA website at [www.bmwcca.org](http://www.bmwcca.org) or by calling the national office toll free at 800.878.9292.

**BMW CCA mailing address:** 640 South Main St., Suite 201, Greenville, SC 29601  
**Roadrunner Chapter mailing address:** 6501 E Greenway Parkway, #103-403, Scottsdale, AZ 85254

**Privacy:** When joining the BMW Car Club of America, you provided personal information that allows us to contact you. BMW CCA provides this information to the Roadrunner Chapter for the following purposes:

- To send newsletters and other publications to you.
- To help us create content and events most relevant to you.
- To alert you to updated information and other new services from the chapter using an email announcement list.

**The Chapter does not distribute personal information to any third parties.** We will not use the information you provide to BMW CCA for any other purpose—we promise.