



Hoosier BMW Car Club, Inc.
P.O. Box 20775
Indianapolis, IN 46220-0775

Back Roads to Buckhorn

Join us for an unforgettable journey on some remarkable roads through Daniel Boone National Forest.

When: *October 4th & 5th*
Entry Fee: *\$25 going to the "Cabbage Patch" and "Stepping Stone" Charities.*

See the Hoosier BMW web site for all the details on this fantastic event.



Check out the latest event details at:
www.hoosierbmw.com

Newsletter of the Hoosier BMW Car Club, Inc.

HOOSIER TRACKS



TIRE RACK



By Larry Clarino

June 21st was the date of the second *Tire Rack Street Survival School* presented by the Hoosier Chapter of the BMW Car Club. With the local sponsorship of the Carmel office of the Tucker Realty Company, the club had another hugely successful program.

The school was conducted in the West parking lot of Carmel High School, which proved to be an ideal venue. Plenty of room and a generous coating of sealer made for a slippery surface for the wide-eyed young drivers. We need to thank the Carmel Fire Department for the use of 400 feet of fire hose and a big thank you to Carmel Water Department for donating 11,400 gallons of water for the care and feeding of one of the best, and slipperiest, skid-pads ever made.

As is a tradition of the Hoosier Chapter, we just like to do things right and in a big way. Over fifty people volunteered their time for the day-long program. Andy and Stephanie Simmonson are the driving force behind this life-saving project that puts thirty students through the sometimes stressful, but always fun, day of intense driver training.

In a conversation with former Indy Car driver and Carmel resident, Scott Goodyear (former Indy Car driver, motorsport broadcast commentator and Carmel resident) signed up his son Chris and later offered this

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SUMMER 2008

endorsement. Chris was driving with his sister, when another driver ran a stop sign in front of him. Chris yanked the wheel and performed an expert accident avoidance maneuver that required two wheels off the pavement, avoiding an imminent crash. His sister commented, "Wow, where did you learn to drive like that?" Scott said to thank all the members of the Hoosier Chapter for literally saving his two kids from an injury.

The *Tire Rack Street Survival* program and our Chapter received a rather large amount of press coverage of this event. TV channels 13 and 59 both sent video crews to cover us and the *Indy Star* did three stories with photos, including a story in the statewide Sunday metro section.

Our next school is this fall at Hamilton Southeastern High School, the chapter is hoping to do even more schools. If you know of a location that we can work with or community that would like to get involved please let us know. Contact Larry Clarino at 317-896-9689. There is absolutely no cost to the location. As we announce future schools, come join us. It's lots of fun and you will get that great feeling that you are helping to save lives.

**Join us for the next
Street Survival school
at Hamilton
Southeastern High School
on Oct. 11th.**

(go to www.streetsurvival.org)



▲ Accident avoidance lane change exercise.

▶ Not every coach held it together (kidding aside, all the students responded well to their coaches!)



▲ The slalom part of the course gave drivers a challenge.

▶ At the end of the school, smiles and thumbs up were given by the students.



▲ The hose crew getting ready to put out that powerful spray that made the skid pad slick.

▶ The Tire Rack Street Survival group of the June 2008 school at Carmel High.



WELCOME NEW MEMBERS

ABELE, CHRIS Zionsville, IN	02/3251i	LEWIS, MARIE Carmel, IN	
BAKER, TYLER Indianapolis, IN		MASON, CLARENCE Carmel, IN	98/740i
BARANOWSKI, GRACE Carmel, IN		MELFI-KLEIN, SARAH Carmel, IN	
BIBERDORF, JEFFREY Zionsville, IN		MEYER, MIKAYLA Carmel, IN	
BLAISING, STEPHEN Indianapolis, IN	08/750ii	MILLER, DAVID Cincinnati, OH	02/M3
BOSLER, MATT Carmel, IN		NEFOUSE, ALLAN Carmel, IN	08/X3
CHITWOOD, MATT Bloomington, IN	03/M3i	NORTON, ROBERT Indianapolis, IN	
CHU, KEVIN Carmel, IN		O'DONNELL, JOHN Westfield, IN	
CUTLER, STEPHEN Westfield, IN	98/M3i	OWENS, ALEXIS Carmel, IN	
DAHLMANN, MICHAEL Indianapolis, IN	08 760 li	PADGHAM, JAMES Indianapolis, IN	98/328iC
DESALLE, DANIEL Bloomington, IN	07/335i	PETTERSON, JOSH Indianapolis, IN	96/318is
DOWNS, MORGAN Fishers, IN		REECK, MATTHEW Bloomington, IN	
DRAKE, TANNER Carmel, IN		SASIKUMAR, AJAY Indianapolis, IN	06/330i
EBERSOLE, MATT Westfield, IN	04/X3	SCHLEUTKER, JEFF Fishers, IN	96/E36 M3
EDENS, JORDAN Evansville, IN		SCHMIDT, LARA Zionsville, IN	
FATTAH, JOAD Westfield, IN		SHICK, STEPHEN Fortville, IN	08/335i
FISHER, STEPHEN Mooresville, IN		SIMMONS, MIKE Zionsville, IN	95/M3
FOX, JOHN Cumberland, IN	08/335i	SKERTIC, JACOB Carmel, IN	
FRANKENBERGER, ERIC Carmel, IN		SNIDER, MEGAN Carmel, IN	
GOODYEAR, CHRISTOPHER Carmel, IN		SPENCE, STEPHEN Carmel, IN	
HENDERSON, GLENNIS Indianapolis, IN		STELLHORN, CINDY Carmel, IN	
HERMILLER, PATRICK Carmel, IN		STROUSE, ADAM Evansville, IN	04/545i
JOHNSON, CLIFF Indianapolis, IN	08 535xi	SWEETIN, JEFFREY Fishers, IN	04/X5 4.4i
KELLER, ANDREW Indianapolis, IN		TALBERT, HOPE Mitchell, IN	08 335i
LAMER, CHARLES Fishers, IN	06/325i	TIJUNIN, ALEX Indianapolis, IN	08 135i
LAPAGLIA, MATTHEW Westfield, IN		WRIGHT, GARY Pittsboro, IN	
LENCHECK, SARA Carmel, IN		ZIMET, GREGORY Indianapolis, IN	07 335ii

CALENDAR OF UPCOMING EVENTS

September:

- 3rd** Membership meeting at Brickyard Crossing. 6:30 p.m.
10th Social meet at Brockway (Carmel). 6:00 p.m.
20th Autocross at Bush Stadium — 9:30 a.m.
23-27th Oktoberfest — Watkins Glen, New York
27th New Member Picnic — Annual event at Eagle Creek Park (Indianapolis). 11:00a.m.

October:

- 1st** Membership meeting at Brickyard Crossing. 6:30 p.m.
4th-5th Backroads to Buckhorn combined road trip — OH/KY Chapters.
11th Tire Rack "Street Survival" at Hamilton Southeastern High School in Fishers (126th & Olio). 7:00 am — 4:00 pm.
15th Social meet at Brockway (Carmel). 6:00 p.m.

November:

- 5th** Membership meeting at Brickyard Crossing. 6:30p.m.
8th Vive Vevay — 1 day auto tour— 8:30 a.m. at I74 & Post Road
19th Social meet at Brockway (Carmel). 6:00 p.m.

December:

- 3rd** Membership meeting at Brickyard Crossing. 6:30 p.m.
20th Holiday Party — Rathskeller (Indianapolis).

*Visit www.hoosierbmw.com for updates additions and last minute changes.



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Snapshot Tales



TECH TIPS

Brake "Bedded-In"

By Matt Weiss and James Walker, Jr.



In order for any brake system to work optimally, the rotors and pads must be properly bedded-in. This process can also be called break-in, conditioning, or burnishing, but whatever term you choose, getting the brakes properly bedded-in and keeping them that way is critical to the performance of the entire brake system.

What is brake pad "bed-in"? Bed-in is the process of depositing an even layer of brake pad material, or transfer layer, on the rubbing surface of the rotor disc. Achieving this condition in practice can be quite a challenge.

Abrasive friction and adherent friction: There are two basic types of brake pad friction mechanisms: abrasive friction and adherent friction. In general, all pads display a bit of each, with abrasive mechanisms dominating the lower temperature ranges while adherent mechanisms come more into play as pad temperature increases.

The abrasive mechanism generates friction by the mechanical rubbing of the brake pad material directly on the rotor disc. This results in wear of both the pad and the rotor. In an adherent system, a thin layer of brake pad material actually transfers and sticks (adheres) to the rotor face. The layer of pad material, once evenly established on the rotor, is what actually rubs on the brake pad. With the adherent

mechanism, there is reduced rotor wear as compared to an abrasive mechanism.

The objective of the bed-in process is to deposit an even layer of brake pad material, or transfer layer, on the rubbing surface of the rotor disc. Note the emphasis on the word even, as uneven pad deposits on the rotor face are the number one, and almost exclusive cause of brake judder or vibration.

It takes only a small amount of 0 thickness variation, or TV, in the transfer layer (a few ten thousandths of an inch) to initiate brake vibration. While the impact of an uneven transfer layer is almost imperceptible at first, as the pad starts riding the high and low spots, more and more TV will be naturally generated until the vibration is much more evident.

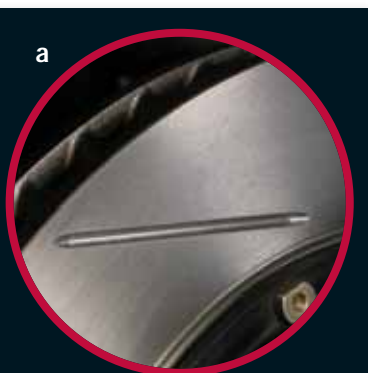
Bedding fundamentals: In general, bed-in consists of heating a brake system to its optimal operating temperature to allow the formation of a transfer layer.

The brake system is then allowed to cool without coming to rest, allowing the transferred pad material to properly adhere to the rotor face. This procedure is typically repeated two or three times in order to ensure that the entire rotor face is adequately and evenly covered with brake pad material.

Because the adherent temperature range for brake pads varies widely, each bed-in needs to be application-specific. Different brake system designs, pad types, and driving conditions require different procedures to successfully accomplish the bed-in. For a full version of this overview, as well as specific bed-in instructions for different applications, please visit:

http://www.stoptech.com/tech_info/tech_white_papers.shtml.

This OE rotor shows pad printing, the result of coming to a complete stop with pressure applied to the brake pedal while the pads and rotors are hot. This condition, is a common cause of brake judder. Proper brake system bed-in and awareness when driving are the best ways to prevent it.



A brand new rotor before (a) and after (b) bedding in the pads. Note the even transfer layer of pad material onto the surface of the rotor, as well as the coloration of the disc itself indicating that it has been hot.



PRESIDENT'S CORNER

By Mike Lingenfelter

Chapter President/Hoosier BMW CCA



I want to offer a special welcome to the (60) of you who are reading Hoosier Tracks for the first time.

Membership in BMW CCA offers a year's subscription to Roundel, the best publication about any automotive marque and a wealth

of information about all things BMW. After being a member for a year, you can qualify for up to a \$1,500 rebate on your next BMW through the BMW CCA Membership Reward Program. Maybe you joined for one or both of these reasons. Hopefully you take advantage of why most members become active and remain members — the people!

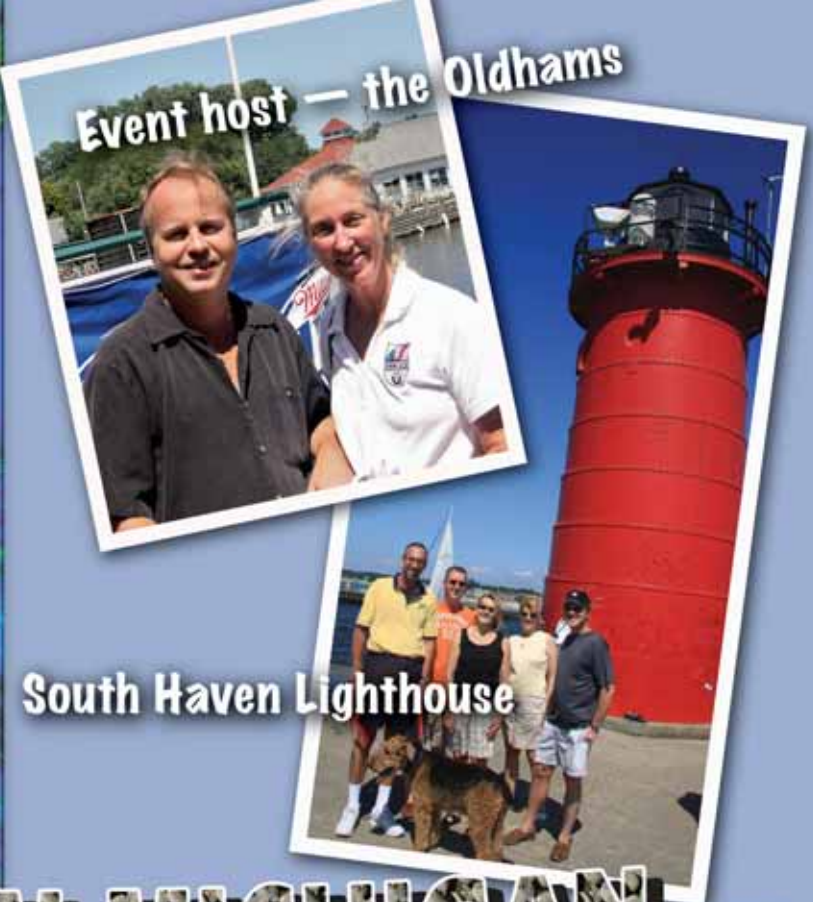
You have four opportunities to get acquainted with us: our annual new member picnic described elsewhere in this newsletter, a monthly membership meeting at the Brickyard in Speedway, an informal monthly gathering at Brickway Pub in Carmel, or one of our driving or social events held throughout the year. You'll find us very approachable and as varied in our interests as BMW drivers are in general. Besides this quarterly newsletter, we post late-breaking information on our website, www.hoosierbmw.com. I encourage you to check us out!

For you other Hoosier chapter members, you may have noticed our "Welcome New Members" column is taking up more space with each newsletter. As a matter of fact, our membership has grown 23% since last June, while BMW CCA membership overall has been flat the past few years and the fast-growing chapter last year grew by only 6%. A year ago we were the 11th largest (or 4th smallest) of the

14 chapters in North Central Region. Today we're midpack (8th largest). And if we continue growing at this rate, we could be one of the larger chapters in the region by this time next year.

Support from Dreyer & Reinbold North has much to do with our recent growth spurt. Rather than ask them for direct financial support, we proposed they underwrite a membership drive contest which rewards one client advisor per quarter with a "night on the town". Many client advisors already promote the club with their customers, so they consider this incentive as a nice token of appreciation. More recently, we've set up a Saturday morning "car club concierge" adjacent to D&R's customer lounge to raise interest among customers there getting their car washed.

Of course, overall membership growth is just the start. We're very keen to get members to become active participants, and to get participants to become leaders in the club. It's all part of the "club vitality" I've been stressing since I became chapter president last year. It's a quality which sets us apart from other car clubs and other BMW CCA chapters. And it's a quality which we have a unique opportunity to leverage as we welcome so many new people into our fold.



SOUTH HAVEN MICHIGAN

The South Haven Auto Tour found perfect weather the first weekend of August. The 9 car group enjoyed a leisurely drive north though Indiana, but we were left behind by a sudden testosterone burst just short of our destination. A few miles and 2 more cars later, all 11 cars met up for lunch on a riverboat docked in South Haven. The sprawling beaches of South Haven were as active as Daytona. Some enjoyed the shops of South Haven and a few just soaked up the sun on this beautiful west coast of Michigan. We got to meet Dave Pasco, a brand new member with a 530i. Dave knew this area well as did many of us. Our dinner at the Seawolf Restaurant was excellent, and afterwards we found a spot in the hotel to gather for some wine and stories from the day. By late Sunday morning we were southbound through small towns and the picturesque coast.



By Rick & Nancy Oldham

We enjoyed a few stops along the way as we headed to the Tabor Hill Winery. With a taste and a small lunch, we pointed to Indy. Different events bring out different groups. The auto tours give members a chance to get involved with other club members' families for a fun weekend with their cars. We get to know one another better; the members and their cars.



GingerMan Raceway



Tabor Hill Winery



So I thought I would get this letter published after the announcement made last July, but apparently I couldn't actually come to admit that it was over. Now, with the 2008 F-1 Season

well under way it's time to admit the

F-1 Corral in Indy is not happening this year. Although most of my non-BMW friends thought little about F-1 not coming back to Indy, the Hoosier Chapter took it personally. So finally, I decided, since there is nothing to do to change it, I should concentrate on the 8 years of amazing memories, friendships and great parties that kept getting better and better.

I know for many of our attendees, it was pretty cool to say "I have been there for the Hoosier F-1 Corrals." New people came who had heard what a great weekend, but mostly it was those that never missed a year with us I'll never forget. We changed too from the first location, a gravel lot that barely fit our tent and a few cars.

We had a lot of traditions that we carried on from year to year — a home cooked meal on Friday night (with the world's best beef — thanks Andy), F-1 Beans you could serve in any great Southern restaurant, an auction that made you laugh out loud (thanks to Ben and Jerry), a "beverage garden" that provided a host of entertaining stories, the thousands of dollars raised for charities and best of all AMAZING FRIENDS.

To both the old and new friends, I am not sure I can really thank all of you for what you brought to this event even though BMW rarely appeared high in the standings. For your support for our charities, your suggestions, your help setting up tables, hanging lights, serving food and most of all your fun, thank you so much! Our chapter has always been proud of the accolades we received for hosting events and Corral was no different! Our hard work, organization, members who really like each other, and the ability to make our new friends feel right at home made this a great affair.

I will certainly miss the Sunday-before shopping trip to Sams Club with Tami Reamer, the hard work our Treasurer Susan Wilson did to pay all the bills, working with vendors who laughed at my orders made 6 months early, the Friday night (okay maybe it was early afternoon) girls club party, the car parade on Friday night, the "Ben and Jerry Auction Show", the registration King and Queen, John and Michele Walker, and the willingness of every volunteer to do whatever was needed and many many other things that I won't soon forget.

I am very proud of several things I have done in my life and one of them is being chairperson to an event that I am so very proud to call a Hoosier Tradition. I am not necessarily done with this event just yet — maybe we move it to Montreal or maybe we just invite you all back for a weekend of karting, auto-tours, food, beverages and fun. Or just maybe, F-1 will be back someday!

NEW MEMBER PICNIC

When: Saturday, Sept. 27 11:00 - ?
We will serve lunch 11- 12:30

Where: Eagle Creek Park, Lilly Lake Shelter

Cost: \$5 per vehicle park entrance fee

Who's Invited: EVERYBODY!! If you have joined the Hoosier BMWCCA chapter since last October you are considered a new member.

What to Bring: Veterans bring a side dish or dessert. New members just bring yourselves and we will take care of you. The club will provide meat and drinks.

RSVP: Jen Panich at panichnick@sbcglobal.net by Friday Sept 26.

This is a fun, family-friendly event that allows the club to welcome its new members. Door prizes will be awarded to new members!! So shine up the bimmer and come join us at the picnic!

Use the 71st street entrance into the park.
It's just easier!



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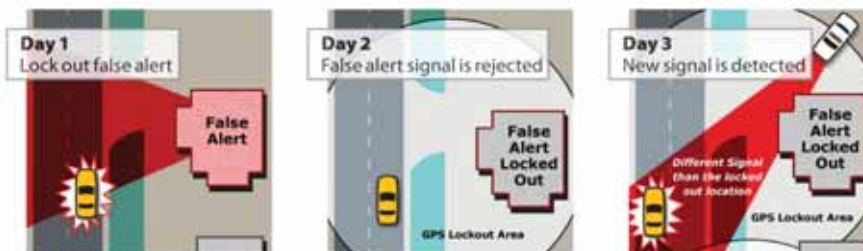
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