



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

19th Annual Rites O' Spring

We'd like to invite you to sign up for the Hoosier Chapter's 19th Annual Rites O' Spring Driver School at Putnam Park Road Course. This year the school will be held the weekend of April 17/18th. Putnam Park is near Cloverdale, exit 41 from I-70 west of Indianapolis.

The driver school's mission is to teach advanced driving skills and habits in the controlled environment of a closed course. You'll have an instructor with you in your car for the whole weekend.

Who can attend? Students need to be 18 years or older, have a valid driver's license and must be members of the BMW CCA. This includes members of your immediate family.

What about the car? You'll be driving your own car. It needs to have good brakes and be in fine mechanical condition. When you register you'll receive more detailed information about having it inspected prior to the event. You don't have to drive a BMW, but we are the BMW Club, so we think that BMWs are best!

Sorry, but for safety reasons we can't accept convertibles.

The student fee is \$375, which covers two full days of classroom and in-car instruction. You'll be responsible for your own meals as well as for your motel room. The Holiday Inn Express, 1017 North Main Street, Cloverdale, and phone: (765)795-5050 will serve as our host motel for this event. Please identify yourself as being part of our event for special pricing.

This year we'll be using an online registration system. It allows you to both fill out your registration information and to make convenient and secure payment by credit card, all in a few simple steps. We'll be placing a link to the registration system on the Chapter's website at HoosierBMW.com, but you can get there directly at www.MotorsportReg.com. Go to the calendar for April and scroll down until you see our listing, then click on the button in the right-hand column and follow the instructions. Help! I can't make the online system work — what now? No Problem, call Neil Maller at (260) 456-2966, daytime or until 8pm, or shoot me an email at HoosierBMWSchool@verizon.net. We're accepting registrations now.

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

Newsletter of the Hoosier BMW Car Club, Inc.

HOOSIER TRACKS

Memorable Monthly Meeting

By Larry Clarino

Wednesday, February 3rd, was a very special day for the Hoosier Chapter members. Our regular monthly meeting took place at that palace of racing, the Target Chip Ganassi "shop" in Indianapolis' northwest side. Shop is not exactly the right word for this amazing edifice. Right from the moment we walked into the museum- like lobby with its four Indy Cars and hundreds of trophies we knew we were someplace special.

More than a hundred members were in attendance as Mike Hull, Ganassi Racing's general manager, explained the scope of the facility. More than a hundred employees support the two Indy Car teams, as well as Chip's Grand-Am Daytona Prototype team.

The Indy Cars teams, driven by 2009 Izod Indy Car champ, Dario Franchitti and Scott Dixon, are now preparing eight cars for the two driver's 2010 effort. These guys are very serious about racing!

The Grand-Am team works side by side with the Indy Car teams as both programs have much in common. The two DP cars, this year powered by Dinan built BMW M, V-8 engines, were just back from Daytona. The team scored a second place finish at the Rolex 24 Hours four days before our visit. The cars were still

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WINTER 2010



covered with the grime of the longest race in America.

After Mike's talk, we were treated to an extensive tour of the facility. Even after seeing the race car assembly area, paint and body shop, and sub-assembly areas, members were not ready for what was behind the rear shop doors. Six full-size tractor-trailer transporters sat surrounded by what can only be described as giant tool racks holding stacked Indy Cars lining the walls. An amazing sight, like being a tiny kid inside a gigantic toy box!

PRESIDENT'S CORNER

By Larry Clarino

Chapter President/Hoosier BMW CCA

This time of year most car cubs go into hibernation. Not the Hoosiers! Although our 2003 Z-4 is all covered up in the garage and the 2006 330Ci convertible only makes an appearance on sunny days, we Hoosiers have been busy.



First, I would like to introduce our new board members. Don Andersen is our new vice-president, joining secretary Patrick Kiser and treasurer Susan Wilson as officers. In addition, Alec Pennington, Matt Hyman, and Rick Schue bring a terrific mix of new blood to the board, joining Chris Dunlap as our at-large reps. Pam Clarino and Ian Bryant will continue on as our newsletter and website editors, as we continue to work to improve our communications with you. Tami Reamer returns as membership chair and Jerry Reamer returns as our driving events chairman.

Next, we need to thank Target Chip Ganassi Racing and general manager, Mike Hull, for the chance to visit their

amazing head quarters. If you did not join us for our February meeting, you missed a really neat event. We had a great turnout with members from Fort Wayne, Evansville, Chicago, and even Idaho!

And speaking of regular meetings, we have been having speakers at our monthly meetings and I will say we have a few surprises in mind for the future. You just may want to make the first Wednesday of the month a regular night to join us. By the way, if you know of anyone who would make an interesting speaker, let us know. Be sure to keep an eye on our website for info on meetings and all events.

Our April 25th Tire Rack Street Survival Teen Driving School at Indy's North Central is sold out, but we do need volunteers. Just email me, president@hoosierbmw.com or Andy Simonson, simonsons@ameritech.net to help.

Our annual high-speed driving school, Rites O' Spring, is now open for registration over at motorsportreg.com. The event will be April 16, 17, 18 at the Putnam Park Road Course. You can contact Jerry Reamer at drivingschools@hoosierbmw.com for more information.

Finally, at the end of my first year as your president, I just want to say how much fun you guys have brought me. Being involved with club management is a very rewarding opportunity. Thank you all.

Movie Night

A big Hoosier Chapter thank you to Ian Bryant and Tri-Phase Custom Audio & Video for hosting another night at the movies. After a light dinner and an adult beverage or two, the feature for the evening was that classic extravaganza of the big screen, *Transformers 2, Revenge of the Fallen*. "It may not be the greatest movie ever made but it sure was loud," was the comment from a veteran chapter member.



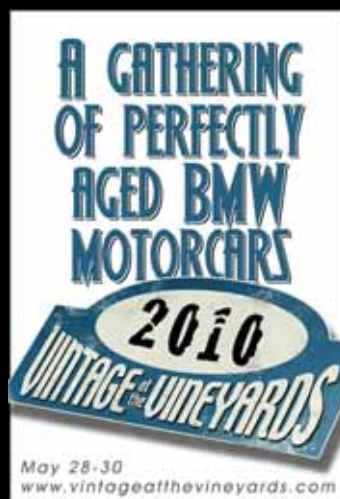
WELCOME NEW MEMBERS

BICHLER, ALAN Indianapolis, IN	01/M5	LYON, NIKOLAS Noblesville, IN	
BURTON, CORY Fishers, IN		MCCARTY, NICHOLAS Westfield, IN	
CLARK, MURRAY Indianapolis, IN	10/M3	MOSER, JOEL Elwood, IN	
COSTAKIS, MATT Indianapolis, IN		OFFENHAUSER, MADELEINE Indianapolis, IN	
CROVELLO, RACHEL Indianapolis, IN		OLSON, ALEXANDER Bloomington, IN	04/545i
CUMMINGS, GERARD Zionsville, IN		PASCOE, JOSH Indianapolis, IN	03/330Xi
CURRY, DANI Carmel, IN		PORTER, WILLIAM Indianapolis, IN	97/328is
EVANS, CAYLAN Indianapolis, IN	06/330xi	RYNARD, ROBERT Greensburg, IN	
FIELDS, MICHAEL Westfield, IN	07/525xi	SALERNO, CHRIS Carmel, IN	10/335xir
GIBBONS, PHIL Carmel, IN	06/Z4M	SCOTT, TYLER Carmel, IN	
GILLIATT, JON Westfield, IN	86/25es	SELLERS, JANE Indianapolis, IN	
GRIMES, THOMAS Muncie, IN	00/Z3	SIMALA, JON Carmel, IN	
GRINER, RANDY Indianapolis, IN	97/318ic	TEO, JIANGING Anderson, IN	00/323ci
HAGELSKAMP, BRYAN Carmel, IN		THORPE, KYLIE Westfield, IN	
HAYES, ABBY Zionsville, IN		TRAUSCH, NICK Indianapolis, IN	
HELLER, ANDREW Indianapolis, IN		THOMAN, JAMES Indianapolis, IN	
HOFMANN, ALEX Indianapolis, IN		UNVERSAW, ANDY Indianapolis, IN	
KELLER, CHRISTOPHER Indianapolis, IN		WILSON, JOE Carmel, IN	97/528i
LAROCCO, LUKE Plainfield, IN		WOOD, ONEIL Carmel, IN	
LEAMNSON, COLE Indianapolis, IN		WRIGHT, GARY Pittsboro, IN	
LEWIS, AL Indianapolis, IN		ZUNK, PAT Indianapolis, IN	

CALENDAR OF UPCOMING EVENTS

March:	
3rd	Membership meeting at Brickyard Crossing. 6:30 p.m. Speaker for this month is Matt Edmonds, Vice President of marketing for Tire Rack.
9th	Dinner at Conner Prairie (limited to 24 attendees per night, so register early). See website for more info.*
24th	Social meet at Brockway (Carmel). 6:00 p.m.
27th	Tech inspection for "Rites O' Spring" at Vaughn Motorwerks in Zionsville. See website for more info.*
April	
7th	Membership meeting at Brickyard Crossing. 6:30 p.m.
16/17/18	Rites O' Spring driving school at Putnam Park.
21st	Social meet at Brockway (Carmel). 6:00 p.m.
25th	Street Survival at North Central High School. See website for more info.*
May	
5th	Membership meeting at Brickyard Crossing. 6:30 p.m.
19th	Social meet at Brockway (Carmel). 6:00 p.m.
28-30th	Vintage at the Vineyards in Dobson, North Carolina.

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



May 28-30, 2010 — Vintage at the Vineyards

7th annual gathering of vintage BMW cars and bikes. The event is located at beautiful Shelton Vineyards in Dobson, North Carolina. Weekend activities include scenic drives, wine tasting, hay rides, live rock-a-billy band Straight 8's and more. Friday meet-and-greet for vintage BMW owners is sponsored by the BMW CCA Foundation. The

Foundation is also putting together a special display of prominent BMW race cars. For more info and the link to register, please visit the website: www.vintageatthevineyards.com. Reg \$10 per car. Festmeister: Scott Sturdy, scottsturdy@yahoo.com.



2009 Annual Meeting & Holiday Party

The Hoosier Chapter's Annual Meeting and Holiday Party returned to the lovely Country Club of Indianapolis on December 12th. Over eighty members, both old and new, were treated to a wonderful evening of food and drink, thanks to the efforts of organizers Tami Reamer and Lori Dunlap, who recruited their spouses, Jerry and Chris to MC the festivities. The highlight of the night was a marvelous buffet dinner exquisitely prepared by the staff of the country club. A real feeling of the Holidays permeated the Christmas tree-decorated room. As is usual, this yearly affair included the election of the 2010 board of directors during the formal portion of the evening, followed by the riotous distribution of door prizes as is the tradition at the gathering.

Be sure to thank all our sponsors with your patronage:

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(800)-428-83553

National BMW CCA
bmwcca.org

Bavarian Auto Sport
(800)-535-2002

Hoosier BMW CCA
hoosierbmw.com



Runner-up Karen receives her prize.

2nd Annual Chili Cook-off

January 16, 2010 in Indianapolis will go down in history. No, not because the Colts beat the poop out of the Ravens for a playoff win, but because the Johnson family, Michelle and Dick, established that they are a dynasty of chili cooking champions! Yep, for the second year in a row the Johnsons dominated the annual Hoosier Chapter Chili Cook-off and Card Playing Championships. However, this year the cards were put away in order to support the Colt's efforts.

This year was no chili cakewalk as Dick fought neck and neck with that queen of the kitchen, Karen Hyman, and her Buffalo Chicken Chili, in a meat-chopping duel of culinary concoctions. Thanks to Kirk and Julia Skaggs for hosting this spicy spectacular tournament of tasty tongue-burning fisticuffs.



Our winner, Dick chooses his prize.

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A Night of Duck-Pin Bowling

By Chris Dunlap

Duck Pin Bowling, how hard can it be? Take a grapefruit size ball and knock over ten miniature bowling pins, no big deal, right? Oh, it's way harder than it looks. Twenty-two club members and guests took to the alleys of the Fountain Square facility for a night of embarrassingly incompetent pin popping fun. Only the pins were safe from this assault on the "Wide World of Sports".

The only casualty of the night was Carolyn Widmann's attempt at a perfect slide into second. Had we been playing baseball in stead of bowling, the move would have been much more effective.

Event organizer Chris Dunlap's stellar 113 was the high score for the men with Tara Lord's dazzling feat of 78 topping all the ladies. Proving being tall was not an advantage, Mike Lingenfelter's score of 35 proved to be the most woeful effort of the tournament.

After the humiliation of the hard wood wackiness, the "awards" banquet commenced at the adjoining Smokehouse on Shelby for dinner and an adult beverage or two.



TECH TIPS



Rebuilding Calipers

Article composed from several resources by Tim Rolfsen



removing the caliper, cleaning it, and then reinstalling the components with new seals and dustboots.

If your car is pulling to one side when braking, you might have a sticky caliper that needs rebuilding. The rebuilding process is actually a lot simpler than most people think. Rebuilding calipers requires



Removing the caliper is often the most difficult part of the task. First, jack up the car and place it on jackstands (about 15 minutes).

Once the car is safely elevated, remove the caliper retaining clips and calipers from the rotor. Set aside the brake pads, clips and threaded bolts that hold the caliper to the bracket. You must also remove the brake lines, making certain to minimize loss of brake fluid (I prefer to use a threaded cap to prevent too much fluid from escaping).

Once you have the caliper off of the car, you can begin to disassemble and rebuild the caliper. You will need:

1. 1"x 4"x 2" block of wood.
2. C-clamp.
3. Caliper rebuild kit.
4. Brake fluid or silicone assembly lube.
5. Access to compressed air.

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Begin by turning the caliper upside down and position the wood against the piston. This is important since you will be using compressed air to force the piston from its chamber. The block of wood will prevent the piston from flying out. Now blow compressed air through the hole where the brake line was inserted to force the piston out of its chamber. Start slowly, and gradually increase pressure until the piston reaches the block of wood.



Make sure the piston doesn't come all the way out of its chamber. After the piston is far enough out, you should be able to grip it with your fingers. Using a rag to protect the sides of the pistons, carefully remove them both from the caliper with your hands or a large pair of Vise-Grips. Don't touch the sides of the pistons with any metal tools, which may scratch their surfaces. Once the piston has been removed from the caliper, remove the seal from the inside of the chamber, and then carefully clean both the inside and outside of the caliper with brake cleaner or another appropriate solvent. Blow out all of the passages



with compressed air. Using a Scotchbrite pad thoroughly scrub out the inside of the cylinder and outside of the piston so they are perfectly clean. After the caliper and piston have been cleaned and dried, coat the cylinder and piston with silicone assembly lube. If you don't have this silicone assembly lube handy, coat the entire assembly with clean brake fluid. Be careful not to get any lube or brake fluid on the dust boot.

Insert the new piston seal inside the caliper piston groove. It should fit smoothly in the groove, yet stick out slightly. Wet the seal with a little brake fluid. Now install the dust boot inside-out onto the piston, so the edge of the boot hangs out toward the area where the piston contacts the brake pad. Then, insert the piston slightly into the caliper. It should slide in easily, but make sure it doesn't go in crooked. Wrap the dust boot around the outer edge of the caliper, and then push the piston into the caliper. As the piston reaches the internal O-ring, you will encounter some resistance. Make sure the piston is pushed in and doesn't become cocked as you insert it. If you have trouble inserting the piston into the caliper, softly tap it with a plastic hammer, or use a small piece of wood to compress the piston into its home position in the caliper housing.

November Tech Session

The Hoosier Chapter had a tech session at VDS Racing Engines in Danville, Indiana. Some of you older members will remember the original VDS, a partnership of Jim Hall and Franz Weis in Midland, Texas, builders of world class racing engines. Chuck Cornellson, a former engine man with Penske Racing, acquired the assets of the original VDS and now builds vintage Indy Car and F-1 motors for clients around the world. Chuck was working on a 1.5 liter BMW F-1 engine for a European client when we paid our visit. This is really a block from a BMW 2002, modified for a little more HP, about 800 more than the 2002!

VDS, with partner Avon Aero, also owns a number of vintage Indy and sports cars. Shown here are a 1998 Lotus 56 STP turbine Indy car, a Howmet TX turbine sports car that ran at the Daytona 24 in 1968 and the last turbine car ever to run at Indianapolis.



MEMBERS' MAGIC MOMENTS

Whether it's your bimmer set against an unforgettable background or just that perfect car shot that inspired you, it can be a magic moment. Take your best car shots and send them our way with a description of the magic you see in it; we might publish it. Every quarter, we will feature one or two members' shots in the newsletter and on the website. File size should be no smaller than 1.2 MB and around 1500 pixels. Send them to: newsletter@hoosierbmw.com. Subject should say: **BMW Photo**.



Karen Hyman/Carmel, IN

Karen took this photo while on a trip to "Tail of the Dragon". Early morning in Asheville, NC., her husband and two other club members, of the group she was traveling with, wiped the dew off their E-46 convertibles as they prepared to tame the dragon.

2008 HOOSIER BMW CCA OFFICERS

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Get to know our team:
Chris Lazaro, Craig Cook,
Chris Miller, Jody Perkinson
and Rick Vaughn



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Visit us at vaughnmotorwerks.com