WINDY CITY BMW High Performance Driving Experience

May 21 & 22, 2016 with May 20 Instructor Day

Autobahn Country Club

Dear Instructor,

Thank you for your commitment to instruct at our Windy City BMW High Performance Driving Event (HPDE) at Autobahn Country Club on Saturday and Sunday, May 21 & 22, 2016

Instructor day is May 20th.

See the driver letter –attached- for the rest of the information on the event, times, maps, sample waiver, Medical Form, car insurance option info, etc.

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| **NEW PROCEDURE FOR INSTRUCTOR WORK LOADS** * If you volunteer to instruct for the traditional Saturday and Sunday HPDE days, Instructors will run for free both days as in the past.
* If you choose to not instruct on Saturday/Sunday, you will pay the standard green group fees to run.
* A fee for Friday still applies for all instructors and invited Solo Group drivers.
* Red and yellow groups will have assigned instructors. Green group will be able to choose an instructor, if they wish, from a separate instructor pool.
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Your Driving Events Committee (DEC) has been listening to your suggestions and the following changes are a result of your input.

1. There will be a Solo run group. Solo run group participants are highly experienced HPDE participants. Eligibility for this run group will be decided by the DEC. The Solo run group will run in their own group and also be allowed to run with the instructor group.
2. All Solo participants will have the opportunity to select their instructor for any/each session. This gives the experienced HPDE participant the opportunity to learn from various instructors.

|  |  |  |
| --- | --- | --- |
| Old Designation | New Designation | Instructor |
| Experienced | Solo - Green | If desired, pick an instructor from our designated group |
| Intermediate | Yellow | Pre-assigned |
| Novice | Red | Pre-assigned |

All additional information will be sent before the event via email.

**Technical Inspection**: There are two options for tech inspection:

1) Your car can be inspected at the event parking lot on the first day you drive. Be in line for this inspection by 8:00 on Friday or 7:00 on Saturday, if you have not attended the pre-inspection.

2) Your car can be inspected on Saturday, May 7th from 10:00AM until 12:00PM. Please come anytime between 10:00 and 12:00. The location is 7th Gear Auto Repair, 501 Morse Ave, Unit B, Schaumburg, IL 60193. 224-659-3461. <http://7thgearautorepair.com/contact/> Please **bring the form attached to the driver letter to your technical inspection.**

Your car must pass inspection before driving in the event. If your car doesn’t pass the on-site tech, you will still have to make repairs prior to driving. No money will be refunded for lost track time. See driver letter for the TECH form.

**Friday Instructor Day**: The instructors' track time will be Friday, May 20th from 8:30 to 4:20 using the South track. If you cancel 24 hours before the Friday Instructor Day, you will receive a 90% refund for that day. Otherwise there will be no refund. No guests can take rides on Friday.

Call Randy Everson @ 847-274-7129 for questions. Thanks for understanding.

There will be two instructor sessions each on Saturday and Sunday, plus you can drive with the Green Group. No more Haul Passes. No racing will be allowed. This applies for the whole weekend.

**Helmets:** Helmets must be SNELL or SFI 2005 or newer. Helmets that don’t already have a green or red crossed ribbon sticker have to be checked at the Tech Inspection. Bring it to early pretech or to tech at the track.

**Parking at Autobahn:** As you pull in and drive toward the Member Club house (the building straight in front of you), park anywhere between the two towers (paddocks B, C & E) on the map. The members have all the parking near the Member Club house paddocks A & D.

**Saturday Morning:** The track opens at 7:00. Mandatory Instructors’ meeting at 8:00 in the pit area. First instructor session at 8:30. No early driver track familiarization.

**Sunday Morning:** The track opens at 7:00. Mandatory Instructors’ meeting at 8:00 in the pit area. First instructor session at 8:30. No early driver track familiarization.

On the first driver track session on Saturday you have the option of driving their car, if they want/agree, for the first two laps. This is an opportunity for you to demonstrate how smoothly their car can be driven, the proper hand placement, footwork and shifting techniques, etc. This is also a chance for you to feel if there are any mechanical issues with the car before your driver gets behind the wheel. These laps should be driven at no more than 5 or 6 tenths. If you choose to drive these laps, you are responsible for any damage to their cars so please exercise due care. There will be no Sunday-only Red drivers, so we don’t anticipate a need for a demo ride that day.

You will be doing a simple paddock check of your driver’s car before the first time out on Saturday morning. You will get a short list of things to check in your track packet. This list is for your reference, not to be handed in.

**Miscellaneous**

*You must have a communicator.*

All drivers must have a full operator’s license that is not suspended or revoked.

Equal restraints are needed. If you have a harness then your passenger needs a harness.

Cars must have mufflers in working order to run.

If you cause property damage at the track, you are responsible for the repair cost.

**Driver Evaluation Form**: One is enclosed to review. Refer to it as you work with your drivers to be sure all points are covered in your instruction. These are the areas of skills we most want to teach. We recommend that after your drivers’ last track time you discuss their progress (or lack thereof) during the HPDE.

We encourage you to maximize your in car instruction time with Red & Yellow drivers. You must also be in the car with Red (Novice) drivers on Saturday morning. If you do release any of your drivers for some solo track time, a sticker must be placed on the windshield by someone in the pit lane. You should continue to observe the progress of your released driver – the observation deck of the tower building has views of almost the entire south track.

Important points:

\* Be prepared to teach from the Windy City BMW Drivers Manual (you can download it at http://windycitybmw.com/photo.aspx?moid=15861 ) and the hand out included in this letter.

\* Keep a safe distance from the car in front of you except to pass.

\* If you or your driver has four wheels off the track, you must come into the pit area to be checked.

\*NO CONVERTIBLES WILL BE ALLOWED ON THE TRACK without a hardtop and SCCA type roll bar/cage\*

If for some reason, you are unable to instruct on May 21 & 22, call Randy, 847-274-7129 or you can email at pancanal47@gmail.com **(after May 13, only call)** as soon as possible so the necessary schedule changes can be made.

Thank you for volunteering.

Autobahn Driving Event Committee

Dave Farnsworth 847 508-5483 Tim Corcoran 847 828-9866

Jeff Corey 847 514-8769 Randy Everson 847 274-7129

John Roeslmeier 847 274-9604

IN-CAR INSTRUCTION HANDOUT

***All three driver groups will attend their initial safety-related workshop.***

***All three driver groups will have a presentation by ACC staff of the Google Earth, corner-by-corner analysis of the track.***

**Solo Group - Green**

**Sessions #1 - 4**

No in-car instruction is required

In-car instruction is available if desired

We will have a Solo group “Mentor” circulate on track to observe driving

Post session debriefs will be facilitated for the sessions to evaluate performance, answer questions or lead an equipment technical discussion. The format is up to the group and attendance is optional

**Intermediate Group - Yellow**

**Session #1**

\*Warm-up

\*Familiarize with track/learn line

\*Vision-look farther ahead

**Session #2**

\*Focus on smooth/precise control usage

\*Seamless transition

\*Minimize input

**Session #3**

\*Sensory input session-be a sponge

\*Put whole lap together-consistency

\*Collect mental image of track for tonight’s mental replay (visualization)

**Session #4**

\*Learn track without cones

\*Build speed

\*Be a weight manager-use your car’s balance to your advantage

**Session #5**

\*Precision -hit apexes, be smooth

\*Smooth throttle application

\*Letting the car run free-minimum steering input

Novice Group -Red

**Session #1**

\*Learn which way the track goes, and reference points

\*Smooth use of controls

\*Get comfortable

**Session #2**

\*Vision-look ahead

\*Establish braking points

\*Focus on exit speed

**Session #3**

\*Weight management - be aware of your car’s balance

\*Focus on smoothness - steering input, squeeze and ease the pedals

\*Finish day with smooth, precise laps - collect mental image of track for tonight’s mental replay

**Session #4**

\*Fine-tune your line

\*Work on the most important corner

\*Work on consistency

**Session #5**

\*Soak up Visual info

\*Soak up Kinesthetic info

\*Soak up Auditory info

We will drive all weekend on the South Track:

**http://www.youtube.com/watch?v=14s8Z1HRWNg&feature=youtube\_gdata\_player**

**This is a high performance track event. It is not a race.**

*Thanks*

AUTOBAHN COUNTRY CLUB 2016: DRIVER EVALUATION

DRIVER’S NAME: CAR #:

INSTRUCTOR'S NAME:

 1-Excellent 2-Good 3-Fair (needs improvement) 4-Poor

Seating Position Excellent - - Poor

 Proper distance from steering wheel 1 2 3 4

 Sits in, not on, the seat; tightens belts 1 2 3 4

Steering

Maintains 3 & 9 o'clock hand position by adjusting hand

 positions in anticipation of turns 1 2 3 4

 Smooth, continuous turn-in arc 1 2 3 4

 Smooth, continuous exit arc 1 2 3 4

 Smooth transitions on "S." curves

 (slow dancing with the car) 1 2 3 4

Shifting

 Smooth upshifts

 Doesn't always go to the redline 1 2 3 4

 Uses Neutral as a gear/no speed shifts 1 2 3 4

 Smooth downshifts

 Uses Neutral as a gear 1 2 3 4

 Releases clutch before turn-in point 1 2 3 4

 Doesn't ride clutch pedal or shift lever 1 2 3 4

 Heel & Toe technique

 (yellow & green students only) 1 2 3 4

Braking

 Smoothly squeezes brakes on 1 2 3 4

 Releases brakes smoothly 1 2 3 4

 Uses brakes hard over a short distance (brings on ABS ) 1 2 3 4

 Completes braking before turn-in point 1 2 3 4

 Trail Braking technique

 (yellow & green students only) 1 2 3 4

Turns

 Consistent entry speed 1 2 3 4

 Does not turn in too early 1 2 3 4

 Consistently hits apex 1 2 3 4

 Squeezes throttle (no abrupt moves) 1 2 3 4

 Lets car exit naturally (doesn't hold arc

 longer than necessary to smoothly exit) 1 2 3 4

Courtesy

 Is aware of traffic & gives passing signal 1 2 3 4

 Gets signal before initiating a pass 1 2 3 4

 Doesn't follow too closely 1 2 3 4

 Isn't upset by a closely following car 1 2 3 4

Visualization/Awareness Excellent - -Poor

 Has memorized the course layout 1 2 3 4

 Observes corner worker stations 1 2 3 4

 Knows where runoff areas are 1 2 3 4

 Looks far ahead, not just in front of car 1 2 3 4

 Moves head and eyes toward where car is to go

 (looks through side windows on tight turns) 1 2 3 4

Attitude

 Driver’s attitude toward learning 1 2 3 4

Did you release your driver to drive alone: Yes No \_\_\_\_

In future schools this driver should be placed in the Red, Yellow or

Green group (circle appropriate group).

I have (have not) discussed this evaluation with my driver.

THIS IS NOT A TIMED EVENT NOR A RACE.

Please report on how your driver did if there was a 2 or 4 wheels-off, a spin or early apex.:

Comments on your driver or the school:

TECH INSPECTION SHEET

This Inspection must include, but is not limited to, the following items. Additional items should be included as deemed necessary by the inspector to ensure the safe condition of the vehicle.

 Windshield – No significant cracks

 Wipers – functional and in good condition

 Wheels – No cracks, visible dents or missing lug bolts/nuts

 Tires – 3/32” minimum tread, DOT approved, H-rated or higher, all of similar/appropriate size and type.

 No R compound tires on red group cars.

 Brakes – Pad thickness, no cracks on rotors, brake lights working

 Brake fluid – Clean, adequate quantity

 Engine – No obvious leaks, fluids okay, belts tight

 Hoses – No cracks or swelling in fuel or coolant hoses

 Throttle – No sticking, free travel, good return

 Battery – Securely mounted

 Occupant restraints – Equivalent for driver and passenger. Any harness systems securely installed

 Interior equipment – Any camera, fire extinguisher, etc. securely mounted

 Mirrors – Securely mounted, at least one interior rearview mirror

Inspector notes of any safety concerns requiring repair prior to vehicle use on-track -

The event participant is solely responsible for the safe condition of the vehicle to be driven to, at and from this event. The participant must sign this completed Event Technical Inspection Report at the time of inspection and present it at registration for the event.

 I hereby certify that the above vehicle has been carefully examined by a qualified individual and that all the items have been checked. I understand that the safe condition and operation of this vehicle are entirely my responsibility. The BMW Car Club of America, Inc, the Tech venue host and the Chapter and its members cannot be held liable or responsible for any vehicle and that problems, malfunctions or damage may occur in connection with the operation of this vehicle prior, during, or subsequent to the driving school**.**

**OWNERS SIGNATURE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**OWNERS NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**TECH INSPECTION CERTIFICATION**

 **Vehicle Make:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **License No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

I certify that I have performed the required tech inspection and, except as otherwise noted hereon, the vehicle indicated below meets or exceeds the requirements.

**Name of Inspection Shop:**

 **Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**