

WINDY CITY BMW High Performance Driving Experience

Monday July 31st, 2017

Autobahn Country Club

Dear Instructor,

Thank you for your commitment to instruct at our Windy City BMW High Performance Driving Experience (HPDE) at Autobahn Country Club on Monday July 31st, 2017.

We will be running the 3.56-mile FULL course!

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

NEW PROCEDURE FOR INSTRUCTOR WORK LOADS

- Instructors can drive with the green group so you can recuperate the track time you gave away by pre-briefing & debriefing your yellow/red 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.
- Instructors are no longer required to ride with their driver in the last session of the day.

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.
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 experience via email.

Technical Inspection: Form is attached. There are three options for tech inspection:

- 1) Have your professional mechanic perform the technical inspection. A completed and signed (by you and your mechanic) form must be presented at the day of registration.
- 2) If you are qualified, you can perform the inspection on your own and sign both places on the Tech Form. A completed and signed form must be presented at the day of registration.
- 3) You can be guided through a courtesy inspection on Saturday, July 22nd from 10:00AM until 12:00PM. You will sign both places on the Tech Form. 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/>

Your car must pass inspection before driving on track.

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

Helmets: Helmets must be SNELL or SFI 2010 or newer. Helmets have to be checked at the Tech Inspection. Bring it to early pretech or to registration 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.

Monday Morning: The track opens at 7:00. Mandatory Instructors' meeting at 8:00 in the pit area. First instructor session at 8:30.

You should do a simple paddock check of your driver's car before the first time out on Monday 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. Please let us know if you instruct a driver who you feel has both the skills and the interest in becoming an instructor. They could be invited by the Driving Events Committee to attend a future Instructor Training School to keep our instructor base growing.

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 Monday 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 July 31st, call Randy, 847-274-7129 or you can email at pancanal47@gmail.com (**after July 24th, 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

Jeff Corey 847 514-8769

John Roeslmeier 847 274-9604

Randy Everson

847 274-7129

Tom Schulty

847 613-7069

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 2017: DRIVER EVALUATION

DRIVER'S _____ NAME:

INSTRUCTOR'S _____ NAME:

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

Seating Position

Excellent - - Poor

Instructor Packet

WC BMW HPDE

Autobahn CC Monday, July 31st, 2017

Proper distance from steering wheel	1	2	3	4
Sits in, not on, the seat; tightens belts	1	2	3	4
<u>Steering</u>				
Maintains 3 & 9 o'clock hand position by adjusting hand positions in anticipation of turns	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
<u>Shifting</u>				
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 drivers only)	1	2	3	4
<u>Braking</u>				
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 drivers only)	1	2	3	4
<u>Turns</u>				
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
<u>Courtesy</u>				
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
<u>Visualization/Awareness</u>				
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
<u>Attitude</u>				

Driver's attitude toward learning

1 2 3 4

Did you release your driver to drive alone: Yes _____ No _____

In future HPDEs 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 HPDE: _____

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.

_____ **General:** No excessive body or chassis corrosion. No loose or improperly secured parts.

_____ **Battery:** Must be securely mounted and have no fluid leaks or corroded mountings.

_____ **Brake Fluid:** Must have adequate level and be in good condition. Brake fluid to have been changed within 6

months of the event. High quality fluid should be used. Brake pedal must not exhibit excessive travel.

_____ **Drive Belts:** Must be in sound condition and adequately tensioned.

_____ **Fuel and Coolant Hoses:** Must be in good condition and not exhibit cracks, swelling or other deterioration.

_____ **Mirrors:** Securely mounted. Vehicle must have at least an inside rearview mirror. Side mirrors are strongly recommended.

_____ **Pedals:** Must be securely mounted and exhibit free return. No interference from carpet.

_____ **Seatbelts:** At least a 3-point lap/diagonal, securely mounted in sound condition and with metal-to-metal buckles. Equal restraints are required for driver's and passenger's seats.

_____ **Seats:** Must be in sound condition and securely mounted.

_____ **Steering:** Must not exhibit looseness, play or binding throughout range of travel.

_____ **Suspension:** Mounting points must be secure and in sound condition. Vehicle must not have excessive side-to-side height variation. Shock absorbers must provide adequate damping and be securely mounted.

_____ **Throttle Linkage:** Smooth operation and free return without binding through entire travel.

_____ **Windows:** Must be secure and in sound condition. Any tinting must allow for proper vision.

_____ **Windshield Wipers:** Must be functional and in good condition.

_____ **Brakes:** Master cylinder must not exhibit excessive bleed-down when steady pedal pressure is applied. All brake lights must be working

_____ **Brakes:** Stock pads should have 50% or more friction material thickness. Hose and lines must not be cut, abraded or cracked. Rotors and drums must not be excessively worn.

_____ **Tires:** No cracks, blisters or cord evident. Front tires must be same size. Rear tires must be same size.

_____ **Wheel Bearings:** Properly adjusted with no excessive looseness or noise. No lubricant leakage.

_____ **Wheels:** No cracked or bent rims. Lug nuts or bolts must be tight.

_____ **Engine, Transmission and Differential Mounts:** Secure, without signs of deterioration or excessive play.

_____ **Leaks:** No coolant, brake fluid or fuel leaks. No excessive oil leaks.

_____ **Exhaust:** Must be securely mounted and in good condition.

_____ **Drive and Half Shafts:** Universal and CV joints must not have excessive looseness or exhibit leaks. Drive shaft flexible coupling must not exhibit cracks or other deterioration. Drive shaft center support bearing must not have excessive looseness or deterioration of its mounting.

_____ These or other items found to be unacceptable (explain): _____

The Event participant is solely responsible for the safe condition of the vehicle to be driven to, at and from this event. The vehicle must be inspected no earlier than four (4) weeks prior to the event. This must be done by a qualified individual chosen by the participant. The participant must sign this completed Pre-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 PreTech 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 event.

PARTICIPANT SIGNATURE: _____ **Date** _____

PARTICIPANT NAME: _____

TECH INSPECTION CERTIFICATION

Vehicle Make: _____

Model: _____

Year: _____

License Plate No: _____

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

Name of qualified individual:

Signed: _____

Date: _____