



2024 TECHNICAL INSPECTION

EVENT DATE: _____

Cars must be inspected not more than four weeks prior to the event. Please take this form, along with your vehicle, to your local BMW dealer or independent service center. You must bring this completed form to grid tech prior to registration. We cannot perform a full tech inspection at the track. Driver(s) be sure to fill in top section and sign / date at the top of page 2. Note: Soft-top convertibles and hybrid/electric vehicles are not allowed.

Driver #1 _____ Driver #2 _____
Auto Make: _____ Model: _____ Color: _____ Year: _____ VIN: _____

PRE-TECH INSPECTION “DONE PRIOR TO EVENT”

VEHICLE EXTERIOR

- No fluid leakage
- No excessive rust esp. at suspension points
- Side mirrors intact, no cracks
- Gas cap secure
- Wheels: No bends or cracks
- Tires: good condition (3/32" min. tread), no cracks, cuts, cords or blisters.
- No R-comp tires for Novice Students
- Tires less than seven years old
- Tire Date Code: (e.g., 5215)
- Front _____ / _____
- Rear _____ / _____

BRAKE SYSTEM/SUSPENSION

- Brake pads (half original thickness remaining)
- No visible cracks to edge of rotor
- Brake calipers: dry, clean
- Brake fluid: clean & full; fresh within 9 months; bled since last track date.
- Last brake fluid change date: ___/___/___
- Brake fluid: type & brand: _____
- Note: for 2015 and newer BMWs, BMW OEM or PFC 665 recommended.
- Brake lines: dry, good condition
- Brake pedal: firm
- Brake lights all work
- Steering linkage: no excessive play
- Suspension location points & bushings
- Shock absorbers: firm, no leaks
- Wheel bearings: no excessive play
- Ball joints: no excessive play
- CV joints: no seepage or looseness
- Tie rod ends: tight
- Wheel studs (if used) date: ___/___/___

VEHICLE INTERIOR

- Glass: condition does not impair vision
- Doors: must be operational from inside and outside
- Rear view mirror secure, no cracks
- Steering: no excessive play at wheel

BMW E46 Only

- Sub-frame inspected for cracks or reinforced/repaired

SAFETY: OEM/DOT Equipped

- OEM Seats securely fastened
- OEM Seat Belts; webbing, latches in good condition, tensioner functional or
- 4 Point ASM < 5 years old

SAFETY: Aftermarket Equipped

- Seats securely installed and appropriate for harnesses.¹ Note: All 5/6 point harnesses require appropriate racing seats. See BMW Club Racing Rules for installation guidelines. (<https://bmwccaclubracing.com/rules/>)
- Equal restraints for both front seats
- Seat dates: _____ / _____
Enter approximate date if no sticker
- Check seats for excessive lateral movement, e.g. >1 inch or install appropriate bracing
- FIA Harnesses < 5 yrs old OR
- SFI Harnesses < 2 yrs old
- Harness dates: _____ / _____
Note: Head and Neck restraint system (HANS) required with harnesses for both driver and passenger
- HANS tether date < 5 yrs old
- Harnesses mounted per BMW Club Race Rules
- Roll-bar or cage securely mounted
- SFI Rated Roll Bar Padding above the door sill: required on all roll bar or roll cage installations for any possible head contact for driver and passenger

HARD-TOP CONVERTIBLES

- Factory Hard-top Convertibles: Only factory hardtop convertibles with fixed roll hoops allowed (i.e., BMW Z4/ND Miata)
- Other convertibles: (i.e., Z3, Spec Miata or Boxster) Hardtop securely fastened with BMW Club Race/PCA Club Race/SCCA approved full cage and logbook

OPTIONAL

- Fire Extinguisher: If installed must be securely mounted metal to metal

BMW E36 Only

- Radiator must be < 10 years in age & < 100,000 miles unless all aluminum
- Radiator fan checked for cracks/damage
- Radiation fan clutch checked for wobble
- Power steering hoses dry and < 5 years old

ENGINE & TRUNK

- Fan belt & hoses
- Throttle linkage, no sticking
- Oil & gas lines secure, no leaks. No external clamps used on pressurized oil lines
- Hood, deck lids, & wings (if any) secure
- Battery securely fastened, positive terminal covered, no apparent corrosion
- Electrical Harness securely fastened
- Relays secure
- Air Filter/Intake secure
- Cooling system, secure, no leaks, no rubbing, hoses in good condition
- Motor mounts firm, no visible cracks
- Exhaust system intact, no leaks, less than 103db at full throttle
- No fuel or oil lines exposed in the interior

INSPECTED BY:

Signature: _____

Printed Name/Title: _____

Shop (or Self if Instructor): _____

City, State: _____

Date: _____

INSTRUCTORS ONLY:

Self-Tech Verified by Instructor
Peer:

Printed Name of Peer: _____

Signature of Peer: _____

¹ Seats not MANUFACTURED with routing holes for both shoulder and anti-submarine belts may NOT be combined with harness restraints and must be used ONLY with the original 3-point seat belts or DOT approved ASM 4-point harnesses.



I certify that the above inspections have been conducted according to the guidelines set forth. I understand that I alone am liable for the condition and suitability of the vehicle listed for participation in this event. I release the inspector, grid inspector, National Capital Chapter BMW CCA and its officials for any liability arising from a failure of this vehicle for any reason, including but not limited to failure of any item listed on this inspection form.

Driver #1 _____

Driver #2 _____

Date :

Date :

GRID TECH "DONE AT THE EVENT"

IMPORTANT: Please have your car unloaded and ready for the track before you enter the tech line. If your car has lug nuts other than 17mm, 19mm or 13/16", have the appropriate 1/2" drive socket with you.

Car:

- Lug nuts: torque to manufacturers specifications, wheel locks removed, no lugs missing. Wheel Center-locks fully engaged (if applicable)
- Gas cap: tight
- Hood/trunk lid: securely fastened
- Wings/splitters (if any): securely fastened
- Wheel bearings: tight
- Exhaust within noise limits: Rev engine to check for open exhaust
- Tires: No R-comps for Novice students, check DOT dates on page 1
- Brake lights: all working
- Brake fluid: clean, full, cap tight
- Battery secure and positive covered
- Front & rear glass: clean, no significant cracks, unobstructed. Condition does not impair vision
- Seat belts: driver & passenger OEM OR acceptable aftermarket harnesses AND appropriate seats installed. Equal Restraints for both front seats. Check lateral movement for competition seats. Note that the Driver's seat may contain halo or containment elements without the need for similar features to the passenger seat.
- All loose items removed from interior and trunk, glove box empty or locked -- No firearms (ask)
- Rollbar padded above the door sill. If caged check for padding at any possible head contact points for driver and passenger. Must be SFI rated rollbar padding and not "pool noodle" padding.
- Special accessories (cameras, fire extinguisher, etc...): securely mounted and tethered. No external suction cup camera mounts
- Car numbers (if pre-installed): on both sides of car in contrasting colors, at least 6" high
- Convertibles: Factory hardtop (BMW/Mazda/Porsche/Corvette) required, or Spec Z3/Miata/Boxster with hardtop and full cage. Broomstick rule, 2" clearance between helmet and protection plane

Driver:

- Snell rated helmet: Check one SA2020, SA2015, M2020, or M2015
- HANS Tether less than 5 years old. Date: _____ (Check the date on the tether. FIA HANS do not have an expiration date on the Yoke)
- Check dates of harnesses: FIA 5 years, SFI 2 years
- Verify driver checked starting pressure or direct them to the location of the air-pump
- Advanced Driver Assistance System deactivation: Driver knows how to disable ADAS systems if present on the vehicle. Have driver check the manual if uncertain.

Grid Inspection By:



Please complete this form, bring it to the school, and turn it in at registration. This information will be kept confidential and will be used only in a medical emergency. This form will be destroyed after the event.

NAME: _____ DATE: _____
(LAST, FIRST — Please **print** clearly)

CONTACT INFORMATION

A. Emergency Contacts — please list the names, telephone numbers, and the relationships to you of those whom we should contact in case of an emergency.

B. Physician Contact — please list the name and emergency telephone number for your physician.

MEDICAL INFORMATION

C. Specific Medical Problems — please check those medical conditions that you have.

- | | | |
|--|--|--|
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Epilepsy (seizures) | <input type="checkbox"/> Lung problems |
| <input type="checkbox"/> Heart problems | <input type="checkbox"/> Kidney problems | <input type="checkbox"/> Hemophilia |
| <input type="checkbox"/> High blood pressure | <input type="checkbox"/> Adrenal problems | <input type="checkbox"/> Other (list below): |

D. Medications — please list all prescription and non-prescription medications that you take.

E. Allergies — please list allergies you have to specific medications, as well as any serious general allergies you have (e.g., to bee stings, egg products, iodine, etc.).

F. Electrocardiogram — physicians recommend that persons with a known abnormal EKG carry a copy to be used as a baseline in an emergency; you may attach a copy to this form, if desired.

- | | |
|--|--|
| <input type="checkbox"/> No, I do not have a copy of my EKG. | <input type="checkbox"/> My EKG is carried on my person. |
| <input type="checkbox"/> My EKG is attached to this form. | |