

# BMW CCA Patroon Chapter, Inc.

## SAFETY INSPECTION CHECKLIST

**The Drivers School Participant is solely responsible for the safe condition of his/her vehicle to be driven to, at, and from this event.** The Participant **must** have the vehicle inspected no earlier than **four (4)** weeks prior to the event. **A qualified individual who is familiar with the make and model of the vehicle must perform the safety inspection.** After the safety inspection is completed, the Participant shall sign the form at "Participant Signature" which then must be presented to the Patroon Chapter Tech personnel at the time of the "On-Site Safety Inspection". The signature indicates that the participant has complied with the "Pre-Event Safety Inspection" requirements. The Participant will not be allowed to drive the vehicle on the track without first presenting a signed and completed "Safety Inspection Checklist" indicating that the "Pre-Event Safety Inspection" and the "On-Site Safety Inspection" were performed. **There will be no refund given for a failed inspection.**

Driver Name: \_\_\_\_\_ Year: \_\_\_\_\_

Make/Model: \_\_\_\_\_ VIN #: \_\_\_\_\_

### PRE-EVENT SAFETY INSPECTION

The Pre-Event Safety Inspection shall include, but not be limited to, the following items. Additional items should be included as deemed necessary by the inspector to insure the safe condition of the vehicle.

- General:** No excessive body or chassis corrosion or damage.
- Battery:** Must be securely mounted and have no fluid leaks or corroded mountings.
- Brakes:** Must have sufficient lining thickness. Hoses and lines must not be cut, abraded, or cracked. Lines must not have excessive corrosion. Rotors must not be worn beyond manufacturers' recommendation.
- Brake Fluid:** Reservoir full, system flushed with fresh fluid not more than six (6) months before the event.  
Date of brake fluid flush \_\_\_\_\_.
- Convertibles and Cabriolets:** Must have a full roll cage per SCCA, NASA or BMW Club Racing rules w/ certificate. 5 or 6 point harnesses are required for driver and passenger. Arm restraints recommended, required for no roof (roll cage only).
- Drive and Half Shafts:** Universal and CV joints must not have excessive looseness. CV joints must not leak lubricant. Drive shaft guibo coupling must be in good condition. No cracks in boots. Drive shaft center support bearing must not have excessive looseness or deterioration of its mounting.
- Drive Belts:** Must be in sound condition and properly tensioned.
- Engine, Transmission and Differential Mounts:** Must be secure and not exhibit signs of deterioration or excessive motion.
- Engine Oil:** Oil filter and cooler should be tight. An oil change is recommended just prior to the event.
- Exhaust:** Must be securely mounted and in good condition. This is a muffled event, the track controls the sound level limits.
- Fuel and Coolant Hoses:** Must be in good condition and not exhibit cracks, swelling or other deterioration.
- Leaks:** No coolant, brake fluid, power steering, or fuel leaks. No excessive oil leaks. Coolant level adequate. Radiator must have coolant overflow control..
- Lights:** All directional signal lights and brake lights, including center light, if provided on the car, must be fully operational.
- Mirrors:** Must be securely mounted. Vehicle must have at least an inside-rear view mirror. Side view mirrors are recommended.
- Pedals:** Must be securely mounted, exhibit free return and have securely mounted pads in good condition. Brake pedal must not exhibit excessive travel or exhibit bleed-down with steady pressure applied.
- Seatbelts:** Equivalent restraints must be provided for driver and passenger. Factory seatbelts and 5 or 6 point harnesses with anti-submarine belts are permitted. 4 point harnesses are permitted on the driver and passenger sides, if factory seatbelts are also available for use on the driver and passenger sides, at the Instructor's discretion. All types must use metal to metal buckles, be in sound condition and must be mounted using the factory mounting points and/or be mounted per manufacturer instructions or SCCA, NASA, or BMW Club Racing rules.
- Seats:** Must be in sound condition and securely mounted. If equipped with competition seats, it is recommended that equivalent seats are provided for the driver and passenger.
- Steering:** Must not exhibit looseness, play, or binding throughout range of travel. Steering box mounting must be secure. Power steering fluid level must be adequate.
- Suspension and Subframe:** Mounting points must be secure and in sound condition.
- Throttle Linkage:** Must exhibit free return without binding through entire travel.

**\*\*\*NOTE\*\*\* Soft top convertibles need a full cage with 5 or 6 pts harnesses. Hard top convertibles need Roll bar with 5 or 6 point harnesses. Contact Chief of Tech for Targa vehicles such as Lotus Elise; Corvette; Bugatti Veyron.**

- Tires:** H speed rating or higher and suitable for expected speeds. No cuts, blisters, cracks or cord evident. No snow or recap tires. **Wet conditions may require a minimum of 3/32 inch of tread.**
- Wheel Bearings:** Must be properly adjusted and not exhibit excessive looseness. No leaks.
- Wheels:** No cracked or bent rims. Lug nuts or bolts must be properly torqued. Locking lug nuts or bolts must allow for proper tightening. **Lug Nut/Bolt Torque:** \_\_\_\_\_.
- Windows:** Must be secure and in sound condition. No major cracks and no major scratches. Excessive tint not permitted.
- Roll Bar:** All roll bars must be mounted and padded per the BMW CCA Drivers School Standards.
- Fire Extinguisher:** If present, must be securely mounted (metal to metal, except by permission of Chief of Tech)

I hereby certify by my signature that I currently hold a valid driver license that is not suspended or revoked and that the above vehicle has been carefully examined by a qualified entity and that all the foregoing items have been checked. I understand that the safe condition and operation of this vehicle are entirely my responsibility, that the BMW CCA Patroon Chapter, Inc. and/or its members can not 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 Driver School.

**AS THE OWNER/DRIVER OF THIS VEHICLE MY SIGNATURE CERTIFIES THAT THE ABOVE VEHICLE HAS BEEN INSPECTED BY A QUALIFIED ENTITY OTHER THAN MYSELF.**

**Participant**

**Signature:** \_\_\_\_\_ **Date Inspected:** \_\_\_\_\_

**ON-SITE SAFETY INSPECTION**

**(TO BE COMPLETED BY THE PATROON CHAPTER TECH PERSONNEL)**

1. **Brake Lights:** Operational, including Dole or third brake light.
1. **Gas Cap:** Present and tight.
1. **Trunk Latch:** Secure, Spare tire and jack secure, if any.
1. **HELMET:** SNELL Rating 2010 or 2015, SA or M      **2005 helmets NOT allowed.**
  
2. **Wheel Covers/Hub Caps:** Removed.
2. **Wheels:** No excessive play due to bearings, ball joints, tie rods.
2. **Tires:** H Speed rated or higher. No cuts, cracks, blisters or cord.
2. **Lug Nuts:** **Properly torqued. Ask what the torque is?**
  
3. **Engine Compartment:** No leaks, fan belts tight, operational throttle return.
3. **Brake Fluid:** Clean and cap tight if accessible.
3. **Battery:** Securely mounted.
  
4. **Interior:** Emptied of loose items (floor mats, radar detectors, EZ Pass.). Glove box empty.
4. **Restraints:** Equivalent for driver's and passenger's seats. Check condition only.
4. **Fire Extinguisher:** If present, must be securely mounted, metal to metal.
4. **Cameras/Timing devices:** Securely mounted (**Internal mounts must be tethered. Tethers are recommended for external mounts** subject to track rules).

I acknowledge that the "On-Site Safety Inspection" which has been performed on the above vehicle cannot verify that the vehicle has been properly prepared and inspected for this high speed driving event. No representation is made by BMW CCA Patroon Chapter, Inc., and/or its members of the vehicle's roadworthiness for street driving or for this High Performance Driver Education Course. No warranties are implied or expressed by this spot check. I acknowledge that at all times I remain solely responsible for the safe condition and roadworthiness of the above vehicle, and I am not relying on the "On-Site Safety Inspection" in deciding whether or not to drive the vehicle. I realize that this "On-Site Safety Inspection" is performed at the discretion of the BMW CCA Patroon Chapter, Inc.

**Participant**

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

**(TO BE SIGNED AFTER ON-SITE SAFETY INSPECTION IS COMPLETED)**