



ZCON 2020 Auto-Cross [AX]

NCM Motorsports Park

Pre-Event Instructor/Drivers Information Packet

ZCON Auto-X Participant,

Welcome to the ZCON 2020 AX event. We're grateful that you've signed up to participate in this school and hope this event will create a deeper enjoyment of the Z lifestyle. With your help this will be an educational, exciting, enjoyable and most importantly a safe event.

The material in this packet will provide you with track information, rules, procedures and safety information. We have a large number of participants who are attending their first Auto-X, so pay particular attention to details to get the maximum enjoyment out of your NCM experience. Please read these instructions carefully; we don't want to see anyone lose their run time or miss the event entirely because they did not bring the correct/required equipment. ***Overly aggressive or reckless driving will result in expulsion without refund from the event and suspension from future ZCON events.***

NCM holds drivers responsible for damage done to the track and facilities [see pg. 2, item 5]. The only insurance covering drivers and their vehicles at the facility is their own, therefore you may want to consider purchasing a Track Day insurance policy, more information can be found here <http://www.ncminsurace.com/hpde>

Important Reminders

Bring this entire packet with you to ZCON Registration and the track

- 1) **All students must have the *AX Technical Inspection Form* (pgs 6-10) completed by a mechanic [other than car owner / driver] within 30 days of ZCON 2020. These Items ARE MANDATORY!**
- 2) **ZCON Tech Inspection/Registration** for all participants will take place at the host hotel - please see the ZCON website for our schedule. We **will NOT** perform tech inspection at NCM 9/17/2020!
- 3) All participants must complete & bring their ***AX Technical Inspection Form, Medical Form*** and the ***Helmet Release / Harness Waiver*** (pg 5) to **REGISTRATION**. **If your car is not inspected, you will not get your registration packet or be allowed on the AX course.**
- 4) After your car & helmet have been tech'd, bring your completed forms to Registration at the Host hotel. In addition to your tech forms and helmet waiver, please make sure you have filled out the Participant Medical Information (pg 11). It is your responsibility to have all these forms completed, printed and presented at registration prior to the track event.

- 5) **Participants are responsible for all NCM facility damages and medical charges including transport.** Clean up/damage fees-\$10/bag for speedy dry, \$300/section for armco, \$175/tire bundle - due the day of incident! Also responsible for any damage to SCCA timing/scoring gear. **ZCON will NOT cover any NCM property, track or SCCA timing gear damage.**
- 6) NCM MSP gates will be open to you at 6:00am Friday and remain open to you until the 6:30pm that evening. All persons entering NCM MSP are required to sign the track waiver form [at the track]. There are no exceptions. Instructors report to classroom per published schedule and **all** participants are to report for a mandatory Driver's Meeting Friday morning, in the classroom. These times are subject to change. **Cars need to be inspected and all loose items removed prior to the meeting. Failure to attend drivers meeting will preclude you from participating in this event, NO EXCEPTIONS!**
- 7) **Helmets:** Helmets with a **minimum Snell SA 2010 or newer rating are required**, open or close face is your choice. **DOT or M rated helmets are not acceptable and will not be permitted.** If you are not sure of your helmet rating, call or email us for assistance but we will only accept current Snell ratings for our events.
- 8) **Cameras and Mounts:** All cameras & related gear must be hard mounted **and** tethered; no duct tape, bungee cords, etc. All equipment mounting is subject to tech inspection or your in-car instructor for final determination, including instructor vehicles. Damage caused to other vehicles or track by loose gear is the owners responsibility.
- 9) **Seat/Harnesses** – Seats and harnesses must be the same for driver and passenger. The stock 3-point seatbelt is acceptable for this event. If a person chooses to install race harnesses they must do so for both seats. A driver cannot use a harness unless there is an equal one for the passenger. **Race harnesses must pass through the seat, including sub-belts, and not around it** and be installed as per manufacturers guidelines. Installation accuracy is the responsibility of the student. Absolutely no 4-Point Harnesses pass the Tech inspection guidelines!
- 10) **Drivers Meetings are mandatory for those scheduled. There will be a check system and you will not be allowed on AX course if you skip or miss the meeting - no exceptions!**
- 11) **Only participants and registered guests are permitted in the Grid area. Visitors must sign NCM waiver and get wristband either at registration check in or at the NCM HQ at the track to qualify as an "event participant" for the track's purposes.**
- 12) **Ride-alongs will be permitted on the AX course, by qualified instructors only.**

**ZCON 2020 NCM Auto-Cross
- DRIVING RULES -**

Please read these rules carefully. **Safety is the MOST important aspect of this event.** Anyone deemed driving in an unsafe manner will immediately be ejected without a refund.

The weather conditions can vary over throughout the day. Be sure to check your brakes, tires, oil and lug nut torque throughout our event. There are MANY people who will gladly lend a hand if you need assistance.

Follow directions of SCCA officials at all times.

1. NCM around & about speed limit is 35 miles per hour or slower. Please pay attention to the many spectators attending our event. SCCA officials control entry / exit of the course.
2. Focus is key! Vehicles at speed need smooth, decisive, and balanced inputs. If you are confused by too much input, **YOU ARE GOING TOO FAST.** Keep to the "line" and feel what the car is telling you.

REMINDERS:

Before each session clear your car of any loose items from: door pockets, under seats, glove box, ashtray, armrest, trunk and sun visor. Remove center caps, lug nut covers and floor mats. Make sure that the numbers on your car are securely attached and visible. Comfortable clothing is recommended. Long pants and closed toe'd shoes are mandatory.

Please listen for announcements and keep to the schedule, as it may be adjusted. Be in the staging area, ready to run as your group is called. Have your helmet, belts, seats and mirrors ready to go before entering the grid. If sharing helmets, they must be exchanged to the next run group before entering staging.

STAGING and AX COURSE ENTRY:

Staging – More details will be given during the morning Drivers Meeting.

Remember - ALWAYS FOLLOW THE DIRECTIONS OF THE TRACK OR EVENT OFFICIALS

ZCON 2020 NCM Auto-X
HELMET ACKNOWLEDGMENT AND
RELEASE **(BRING THIS TO REGISTRATION)**
Helmets Must be SA 2010 or Newer

HELMET ACKNOWLEDGMENT AND RELEASE

I/We acknowledge that the inspection of my helmet by volunteers assisting at the ZCON NCM AX is for the sole purpose of determining whether my helmet has met the minimum standards of the Snell Memorial Foundation and that it appears from a visual inspection to contain the appropriate Snell rating sticker and to be capable of meeting those standards at the present time. I acknowledge that ZCON Tech team is making no guarantee of fitness for use in "passing" my helmet, and that I am relying solely on my own judgment in using the helmet in an NCM event. I release, acquit, and forever discharge the National Corvette Museum, its officers, members, employees, lessors, associates, successors, ZCON, or assigns, from any and all liability, claims, demands or causes which may arise from my wearing of the inspected helmet, from my attendance at an NCM event, or from any injury sustained by me, whether or not due to negligence.

I represent that I am over the age of 18 and that I understand that I am participating in a dangerous event and that my helmet has not previously been worn in a collision or struck by a hard object.

Signature: _____

Print Name: _____

Date: _____

HARNESS SYSTEM ACKNOWLEDGMENT AND RELEASE

I/We acknowledge that the inspection of my harness system by volunteers assisting at the ZCON NCM AX is for the sole purpose of determining whether my harness system has met the minimum standards of the SEMA Foundation, Inc (SFI) and that it appears from a visual inspection to contain the appropriate SFI rating tag and to be capable of meeting those standards at the present time. I acknowledge that the NCM is making no guarantee of fitness for use in "passing" my harness system, and that I am relying solely on my own judgment in using my harness system in an NCM event. I release, acquit, and forever discharge the National Corvette Museum, its officers, members, employees, lessors, associates, successors, ZCON, or assigns, from any and all liability, claims, demands or causes which may arise from my wearing of the inspected harness system, from my attendance at an NCM event, or from any injury sustained by me, whether or not due to negligence.

I represent that I am over the age of 18 and that I understand that I am participating in a dangerous event and that my harness system has not previously been worn or damaged in a collision.

Signature: _____

Print Name: _____

Date: _____

ZCON 2020 NCM Auto-X Pre-ZCON Technical Inspection* Form



Form must be completed, signed, printed & presented at event check-in. **Tech inspection should be performed within one month of the date of the event.** *All vehicles will undergo a second inspection by tech staff at event host hotel prior to Auto-X 9/18/2020, please see website for Tech schedule.

The participant assumes full responsibility for the safety of this participating vehicle and for knowing the condition of each item listed below. **Inspection by a professional mechanic [other than owner/driver] familiar with high-performance driving schools is MANDATORY FOR ALL DRIVERS.**

Inspection Date: _____ Event: ZCON 2020 AX Event Date: 09/18/2020

Driver: _____ Licensed? Y/N State/Prov: _____

Emergency contact: _____ Phone _____ At track? (Y/N) _____

Co-Driver: _____ Licensed? Y/N State/Prov: _____

Emergency contact: _____ Phone _____ At track? (Y/N) _____

Make: _____ Model: _____ Year: _____

CONVERTIBLES PERMITTED, upon approval of AX tech team (see footnote¹), ask if you have questions

Street Car Plate # _____ State/Prov. _____ Race Car: Comp. Number _____

Tech Inspectors: Please write "Y" or "N", "P" or "F", to indicate pass/fail. Please add comments as necessary.				
Tires	P = Pass F = Fail			
	LF	RF	LR	RR
Brand, Model, UTQG rating (please write in for each tire)				
Speed Rating (P/F): H or higher				
Size (list for each)				

¹ Convertibles are permitted with fixed, OEM rollover protection. T-tops & removable sunroofs must be removed. Aftermarket rollover bars/cages permitted, properly secured & padded. Convertibles must pass SCCA broomstick test. Broomstick lays from car nose to top of roll bar, driver/passenger helmet must fall below for safety in event of rollover.

ZCON 2020 Tech Form

Tread depth (P/F): min. 3/32"				
Condition (P/F): NO patches, plugs, exposed cord, cuts, dry-rot, etc.				

Wheels and Bearings	<i>P</i>	<i>F</i>	<i>Comments</i>
Wheels: proper offset; not rubbing, cracked, bent, out of balance; Bolts/nuts: see comment			Wheel bolts/nuts: please inspect closely for matched sets. If any are mismatched or defective, ALL on that wheel must be replaced with OEM parts. Wheel bolts/nuts are wear items, and failure may be catastrophic.
Bearings: not loose, binding, leaking.			
Brakes <i>Note: Must be mounted on vehicle at track check-in</i>	<i>P</i>	<i>F</i>	<i>Comments</i>
Pads: see comment			Minimum thickness: Stock pads 75%; Race pads 50%, spare pads suggested
Rotors/drums: no deep scoring, pitting, cracks. Exceed min. thickness			
Brake lines: no cracks, kinks, leaks, swelling			
Fluid: DOT per mfr. specs. Fresh within 3 mo. of event			Date of last flush/refill:
Suspension	<i>P</i>	<i>F</i>	<i>Comments</i>
Shocks/struts: straight, no leaks, in good condition			
Springs: not sagging, cracked			
Bushings/bearings: in good condition, no free play			
Steering and Driveline	<i>P</i>	<i>F</i>	<i>Comments</i>
Steering: no excessive play, binding, vibration			
Ball joints, tie rod ends: no play, good condition			
Power steering lines: good overall condition, no leaks			
CV joints: no cracked/leaking boots			
Driveshaft/half-shafts: bolts torqued; balanced, no excessive play			
Fluids	<i>P</i>	<i>F</i>	<i>Comments</i>
No coolant, fuel, oil, brake fluid, or PS leaks			
Topped-up, good condition			

ZCON 2020 Tech Form

Fuel cap: <i>tight, no leaks</i>			
Seats and Restraints <i>Please consult tech note on page 5 prior to completing this section.</i>	<i>P</i>	<i>F</i>	It is the owner's responsibility to ensure aftermarket passenger safety equipment is installed per manufacturer specifications. Professional installation is strongly advised .
DOT/OEM belts: <i>3 point</i>			Must be DOT approved
Racing harnesses (5, 6, 7 pt.): <i>SFI or FIA approved; no damage or fading.</i>			For harness details: see pg 5 footnote 4 SFI - Expiration date: FIA - Manufacture date:
Equivalent <i>for driver and passenger</i>			Restraints should be <i>same type</i> both sides, though not necessarily identical or same brand
Seats: <i>secure, good condition; appropriate type for restraints</i>			If race harnesses are fitted, seat backs should be supported to prevent collapse in rear-end collision.
Roll cage, roll bar, or harness bar			No contact with the helmeted head, SFI 45.1 closed-cell padding <i>must</i> be installed around head area for both driver and passenger.
Body and Interior	<i>P</i>	<i>F</i>	<i>Comments</i>
Windshield/windows: <i>no major cracks</i>			<i>Windows must be rolled down when on track</i>
Wipers: <i>good condition, functional</i>			All vehicles must have operating wipers
Mirrors: <i>rear-view mirror mandatory; securely mounted</i>			
Pedals: <i>free movement; firm brake pedal</i>			
Exterior: <i>no loose trim, panels, bumpers, fenders, etc.</i>			
Sun/moon roof, T-tops:			Sun/moon roofs may be open, closed or removed, T-tops must be removed while on track.
Interior: <i>no sharp edges*, all loose items, incl. floor mats, must be removed</i>			*Race cars: uncovered door panels, inspected for sharp edges; must have functioning interior door handles
Lights	<i>P</i>	<i>F</i>	<i>Comments</i>
Brake lights: <i>Mandatory and functional (all cars)</i>			
Headlights: <i>Mandatory and functional (except race cars)</i>			
Engine	<i>P</i>	<i>F</i>	<i>Comments</i>
Condition: <i>Running well, no excessive smoking (oil or otherwise)</i>			
Mounts: <i>in good condition</i>			
Belts: <i>accessory belts properly tensioned, in top condition, no cracks or fraying</i>			
Hoses: <i>in top condition, supple, properly clamped</i>			

ZCON 2020 Tech Form

Throttle: no binding, full travel, returns freely			
Exhaust/headers/muffler	P	F	103db max at 50', all cars must have a muffler
No cracks, leaks; securely mounted, full exhaust			
Battery	P	F	Comments
Securely mounted, properly vented			
Structurally sound, no leaks, excessive corrosion			
Positive terminal, all other "hot" binding posts: covered			
Helmet - SA2010 or newer	P	F	No "M" helmets allowed, SA helmets must have Snell decal present and verifiable, no exceptions

LLoaner helmets will NOT be available either for our HPDE or Auto-cross, so please plan accordingly

INSPECTORS ARE NOT LIABLE FOR THE SAFETY OF THIS VEHICLE

Inspector (Print) _____ Inspector (Sign) _____ Date _____

DRIVERS/OWNERS:

YOUR SIGNATURE ON THIS FORM INDICATES YOUR ACCEPTANCE OF THE FOLLOWING TERMS:

I acknowledge that the technical inspection performed on my automobile is solely for the purpose of meeting the driving school minimum standards for car preparation, and that no representation is made by the inspectors, or any other person selected by me, as to the vehicle's roadworthiness for street or track. No warranties are implied or expressed in passing or failing the inspection performed. I release the inspectors from any and all liability arising from their inspection. I acknowledge that **I remain solely responsible at all times for the safety and roadworthiness of my vehicle** and am not relying solely on the inspection in deciding whether or not to drive my automobile.

Your ZCON Motorsports Team reserves the right to exclude any vehicle from the event for failing this safety inspection, or for any other reason pertinent to the safety of the school and its participants.

ZCON Motorsports Team, the event organizers, instructors, the facility and its personnel, shall not be held liable for any incident involving you or your vehicle causing damage and/or injury.

Owner (Print) _____ Sign _____ Date _____

Note: these forms &/or printers are NOT available at event. Please print this completed and signed packet/form, then present at ZCON check-in [prior to 9/18/2020 Auto-X].

ZCON 2020 Medical Information Form



- Please **complete** and **SIGN**
- Print, bring and **submit this form at event Check-in**

Name (print): _____

Address: _____

Phone: (H) _____ (W) _____ (Mobile) _____

Date of Birth _____ Age _____

Emergency Contact: _____

Relationship: _____ Phone (Home) _____

(Work) _____ (Mobile) _____

Is this person at the NCM track? YES NO

This information is solely for use at the event by emergency personnel. By law, we're prohibited from distributing this information unless authorized in writing to do so. Your signature below indicates your consent.

Physical/Health Information (for emergency treatment)

Drug Allergies: _____

Physical Limitations: _____

Medications - please list below (name, dosage; use reverse of this form if necessary):

Signature: _____ Date: _____

NCM Motorsports Park Rules

SPEED LIMIT inside the paddock is 15mph.

All persons entering NCM MSP are required to sign the RELEASE AND WAIVER OF LIABILITY AND INDEMNITY AGREEMENT. THERE ARE NO EXCEPTIONS!

NO RACE ENGINES MAY RUN BEFORE 7:30 AM OR AFTER 6:30 PM.

The PA System is not to be used before 7:30am or after 6:30pm.

NO VEHICLES of any kind allowed on the track AFTER 5:30pm. You may ride bicycles or walk the track after the track has gone cold for the day.

YOU MUST HAVE A VALID DRIVER'S LICENSE TO OPERATE ANY VEHICLE ON THE PREMISES.

No fireworks, firearms, weapons or illegal drugs are permitted anywhere on the premises.

All trash shall be placed in trash barrels. You'll be billed for any items left at the track that must be disposed of by a disposal company; tires, batteries, fuel barrels, etc.

Dump waste oil into yellow 55-gallon drums marked "OIL".

Dump anti-freeze into blue 55-gallon drums marked "ANTI-FREEZE".

Do not dump race fuel into recycling barrels. You will be billed the disposal fee for contaminated liquids.

Report oil and fuel spills to officials so that they can promptly be cleaned up. Asphalt is expensive, there are significant fines for unreported or egregious spills. You, not the NCM will be responsible for these costs.

No loud music is permitted, please be considerate of our neighbors.

NCM allows pets and must be leashed at all times. The owner is responsible for their behavior, damages and clean-ups. Pets aren't allowed in any buildings, concession area, grid/pit area at any time. NO EXCEPTIONS.

Campfires/ground fires are not permitted.

No climbing or jumping fences, doing so is cause for expulsion from the Track.

Do not damage any grassy area in ANY manner.

Driving counter-race is strictly forbidden at all times.

Do not tape notices to any painted surface, guardrails, building walls, etc.

Decibel limits are set at 103db fifty feet from the track. The track will monitor noise level at your event. If the vehicle exceeds the 103db limit, the driver will be black flagged, brought in, told of the infraction and given a chance to comply with the decibel limit. If the vehicle is not able to comply with the decibel limit, the vehicle will be pulled the vehicle from the event. **ALL VEHICLES MUST HAVE A MUFFLER!!!!**

TRACK MANAGEMENT / ZCON Officials RESERVES THE RIGHT TO BAR, REMOVE / EXPEL OR FINE ANY INDIVIDUAL(S) FOR VIOLATION OF ANY RULE.

No PARKING OR REPAIRING VEHICLES on the travel / fire lanes. These access roads are considered an EMERGENCY FIRE LANE by the Fire Marshal.

FUEL CANNOT BE SOLD AT NCM BY A THIRD PARTY or PRE-SOLD FOR DELIVERY TO NCM. Questions, contact the Track Manger before arriving. The NCM MSP has an on site Mobil station to provide fuel.